Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.93

LIBRARY
RECEIVED
JAN 25 1946
U.S. Department of Agriculture

for
1946

BOLGIANO'S Capitol City Seeds

Established 1889

411 New York Ave. N. E. Tel.: Franklin 4800
607 E Street N. W. Tel.: National 0091

WASHINGTON 2, D. C.

BOLGIANO'S
EXTRA EARLY
Superb Beet
Pkt. 10c.

CUCUMBER
A. & C.
Pkt. 10c.

CARROT, Imperator
Pkt. 10c.

TOMATO
Rutger's Special. Pkt. 10c.

Bolgiano's CAPITOL PARK LAWN GRASS SEED

THE NATION'S PRIDE

WE CAN say with pride that it is the accumulated experience of fifty years that has made possible the development of the Capitol Park Lawn Grass Mixture. It contains a carefully selected, well-balanced blend of high-quality recleaned seed. Through the years we have learned that the finest lawns for the Washington area are those made of fine-bladed deep-rooting grass. It is an easy matter to have a good-looking lawn in spring but it is the year-round test that determines the quality of good lawn seed. We are proud of our Capitol Park Lawn Seed and we believe you will find this leader in the Washington area the answer to your lawn problem.

PRICE

Pound	$0.60
3 lbs.	1.75
5 lbs.	2.75
10 lbs.	5.25
25 lbs.	12.50

PLANT-FOOD FOR YOUR LAWN

Grass, like every other plant, requires food, and regular feeding insures success.

Our Bolgiano's Gold Tag Lawn Fertilizer and the nationally known Loma and Vigoro and Wizard Brand Sheep Manure are the best lawn-foods we know of and used regularly will keep your lawn looking as you want it to.

Get a supply of one of these when you buy your grass seed and always keep a supply on hand to apply when needed.

For prices on these lawn-foods and other fertilizers see fertilizer pages in back of catalogue.

PAMPHLET, "How to Make a Beautiful Lawn," free on request with every purchase of Lawn Seed.

BOLGIANO'S • • • WASHINGTON 2, D. C.

BOLGIANO'S MODERN LAWN GRASS MIXTURES

BOLGIANO'S *"WHITE HOUSE"* SHADY LAWN GRASS SEED

The Grass That Will Grow in Shady Places

To provide a turf for shady places which would match the turf of our Capitol Park Lawn Grass in the sun we experimented with grasses best adapted for growing in the shade until this formula was perfected. The resulting White House Shady Lawn Seed has removed cause for worry about those once bad places under trees.

Lb. 75c.; 5 lbs. $3.50; 10 lbs. $6.75; 25 lbs. $15.00

HORMONE-TREATED LAWN SEED

Treating seeds with Rootone Hormone Powder serves to augment the natural hormones which stimulate root-formation and top-growth. In our Hormone-treated Lawn Grass Mixture we use only the best varieties of seed, including Bent Grass.

Lb. 95c.; 10 lbs. $8.75; 25 lbs. $20.75

PUTTING-GREEN GRASS

Our Bent Grasses for putting-greens are unsurpassed.

"Blue Tag" Certified Astoria Bent. Lb. $1.35; 5 lbs. $6.00; 25 lbs. $25.00.

"Blue Tag" Certified Seaside Bent. Lb. $1.35; 5 lbs. $6.00; 25 lbs. $25.00.

BOLGIANO'S *"FAIRGREEN"* LAWN GRASS SEED

A Superior Mixture with Creeping Bent

Selecting grasses capable of producing a dense velvety lawn and resistant to dry summer weather, we believe we have in Fairgreen a permanent turf mixture which is unsurpassed, especially on slopes and terraces.

Lb. 85c.; 5 lbs. $4.00; 25 lbs. $18.25

WHITE DUTCH CLOVER (Trifolium repens)

Some White Clover is usually included in lawn grass mixtures as it makes an excellent turf that stands constant trampling. It is of dwarf habit, spreads rapidly and is very hardy.

Lb. $1.50; 5 lbs. $6.50; 25 lbs. $30.00

KENTUCKY BLUE GRASS (Poa pratensis)

This is undoubtedly the best of lawn grasses for neutral soils. Its splendid root system forms a tough sod that will stand hot, cold or dry weather. Although Blue Grass requires about two years to get well established, it is well worth waiting for. Can be sown in a mixture of other grasses. Sow in fall or spring at the rate of 5 pounds per 1000 square feet.

Lb. 60c.; 10 lbs. $5.50; 25 lbs. $13.00

RED-TOP (Agrostis vulgaris)

A valuable, permanent, narrow-blade grass especially adapted to our climate. Used in most lawn mixtures.

Lb. 35c.; 10 lbs. $3.00; 25 lbs. $6.00

DOMESTIC RYE GRASS

A quick-growing grass used as a nurse-crop in many lawn mixtures. Sow 10 pounds per 1000 square feet of lawn.

Lb. 25c.; 10 lbs. $2.00; 25 lbs. $4.00

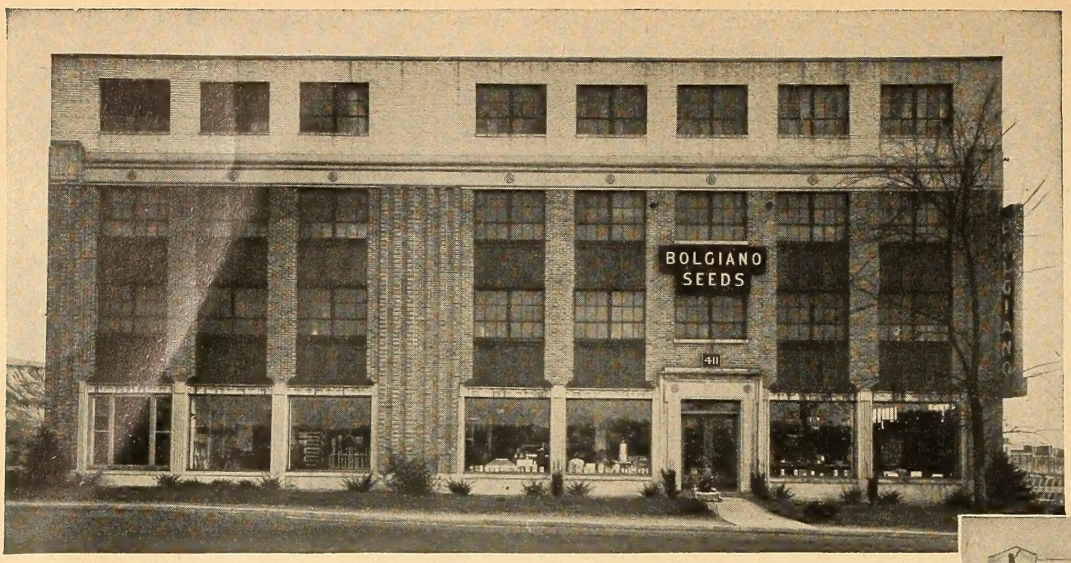
CHEWINGS FESCUE

This important component of all good shady lawn mixtures forms a low, dense, mat-like turf of fine needle-like leaves. It is popular for lawns and golf courses because of its drought-resistance and ability to thrive on most soils. If used alone, sow 8 pounds per 1000 square feet.

Lb. 85c.; 5 lbs. $4.00; 25 lbs. $18.25

Prices quoted on grass seed do not include postage. See page 2 for Parcel Post rates. If postage is included with order, seed will be sent by Parcel Post, otherwise shipment will be made by Express Collect.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



•57• YEARS IN THE NATION'S CAPITAL

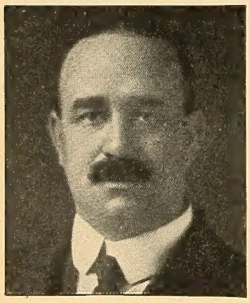
411 NEW YORK AVENUE, N. E. Phone: Franklin 4800

Two Convenient Stores in Washington, D. C.

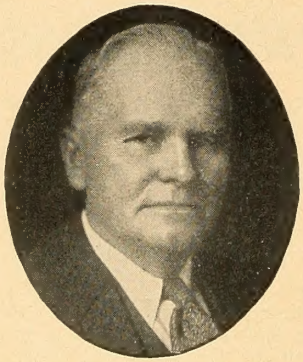
—OFFICERS—

Mrs. Charles W. Bolgiano, *President* — Laurel L. Bolgiano, *Vice-President* — Raymond B. Ward, *Gen'l Mgr. and Treasurer* — C. Blakeley Arthur, *Asst. Mgr. and Sec.*

ADDRESS ALL OUR MAIL TO: 411 NEW YORK AVE., N. E., WASHINGTON 2, D. C.

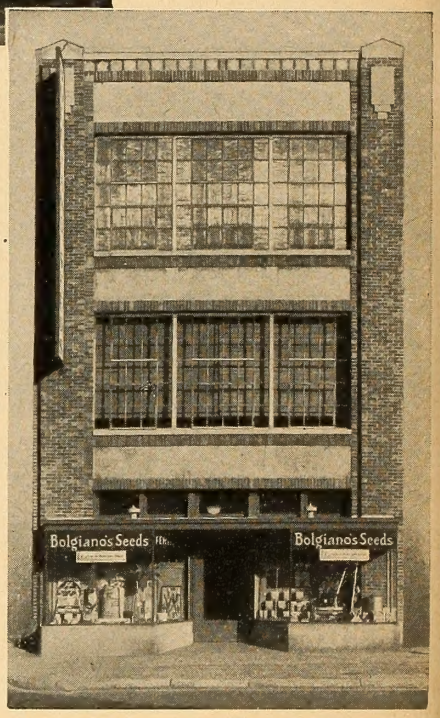


FRANK W. BOLGIANO
Founder



RAYMOND B. WARD
General Manager

CHARLES W. BOLGIANO
Pres. 1923-1938



607 E St. N. W. Phone: National 0091

TERMS OF BUSINESS

ADDRESS ALL MAIL to F. W. Bolgiano & Co., 411 New York Ave. N. E., Washington, D. C.

SEEDS DELIVERED FREE EAST OF MISSISSIPPI. We pay postage on all Packets, Ounces, Quarter Pounds, or Pounds of Vegetable and Flower Seeds, ordered at list prices. This also applies to Peas, Beans, and Sugar Corn up to 5 pounds; larger quantities than these, carrying charges extra. This does not apply to Field and Grass Seeds, Seed Potatoes or Flowering Plants, which will be sent at regular Parcel Post or Express Rates.

OUR TERMS are always cash with order, or satisfactory New York, Philadelphia or Washington reference.

MONEY can be sent at our risk by Post-Office or Express Money Order, New York or Chicago Draft, or by Registered Letter. We cannot hold ourselves responsible for cash sent loose in letters.

AN ORDER BLANK for your convenience in placing your order will be found in this Catalog.

NAME AND ADDRESS should be written plainly both on the Order Blank and on the envelope enclosing the order. Names of seeds and plants should be written out in full in plain writing.

EXPRESS or FREIGHT shipments should have the name of the station plainly given where different from the Post Office.

ORDER EARLY. We aim to fill all orders within twenty-four hours after receipt. Please do not wait until the extreme rush season when there are more chances for delay.

GIVE FULL DIRECTIONS always whether shipment is to be made by Freight, Express or Parcel Post.

SAFE ARRIVAL. We guarantee safe arrival of all goods sent by Express or Mail to any point within the United States proper.

NON-WARRANTY. We give no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants we sell, and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seeds, bulbs or plants.

DOMESTIC PARCEL POST RATES

On Seeds, Plants, Bulbs, Roots, Garden, Lawn and Poultry Supplies

WITHIN THE U. S. AND POSSESSIONS	First pound or fraction	Each additional pound or fraction
Local Rate, Washington and Suburbs only	7c.	½c.
1st and 2d Zone, within 150 miles of Washington, D. C	8c	1½c.
3d Zone, between 150 and 300 miles	9c.	2c.
4th Zone, between 300 and 600 miles	10c.	3½c.
5th Zone, between 600 and 1000 miles	11c.	5½c.
6th Zone, between 1000 and 1400 miles	12c.	7c.
7th Zone, between 1400 and 1800 miles	14c.	9c.
8th Zone, over 1800 miles	15c.	11c.

A fraction of a cent in the total amount on any parcel counts as a full cent.

WEIGHTS BY PARCEL POST

Parcels up to 70 pounds can be sent by Parcel Post to all the zones.

To points farther than the 4th Zone on weight of over 10 pounds, the charge by Freight or Express is usually more economical.

ALL PRICES IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

GARDENING IN 1946

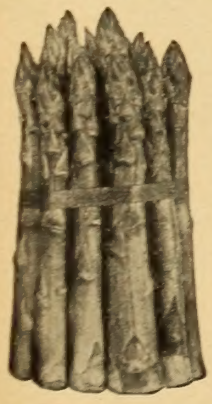
SPRING is always the season of hope, and this year it is once more a season of peace. Gardeners may well take a personal pride and satisfaction in the victory, because of the role they played in producing food for home consumption. It was the combined efforts of everyone along the line from the men who grew the seed in Idaho and Colorado and California to the seed dealers and retailers, the farmers and home gardeners and canners, that spelled success. Once more food was a weapon that served us well.

We cannot feel that the enthusiasm for gardening which sprang up during the past several seasons is going to die a swift death. It is probable that many vegetable gardens will be smaller, and those coaxed along on poor ground will no doubt be abandoned. In part Victory gardens will become flower gardens. But too many people have discovered the mental lift and the relaxation of gardening to give it up entirely. Home-grown vegetables are so far superior to shipped ones that many people will continue to raise them even when the war emergency is past.

So . . . war or peace, we expect spring to mean gardening, just as it always has.

HOW and WHEN TO PLANT HOME-GARDEN VEGETABLES

KIND OF VEGETABLE	Quantity required for a family of 3 to 5	Dates for Sowing in Vicinity of Washington, D. C.		Seeds or Plants For 50-ft. Row	Distance Apart in Rows	Distance Rows Apart	Depth to Sow Seed	Days to Mature
		Under Glass	Open Ground					
Asparagus Roots	60		April	50 roots	1 ft.	3 ft.		1–2 years
Asparagus Seed	½ oz.		April and May	½ oz.			1 in.	3- 4 years
Beans, Bush	1 lb.		April to Aug.	½ lb.	3 ins.	2 ft.	1–2 ins.	45– 75 days
Beans, Bush Lima	½ lb.		April to July	½ lb.	4 ins.	2 ft.	2 ins.	60– 90 days
Beans, Pole	½ lb.		April to June	½ lb.	4 ft.	4 ft.	2 ins.	65–100 days
Beans, Pole Lima	½ lb.		April to June	½ lb.	4 ft.	4 ft.	2 ins.	70– 90 days
Beets, Early	½ oz.	March	April to June	½ oz.	3–4 ins.	15–18 ins.	½ in.	50– 75 days
Beets, Late	½ oz.		June to Aug.	½ oz.	3–4 ins.	15–18 ins.	1 in.	75–100 days
Brussels Sprouts	1 pkt.		April to July	1 pkt.	2 ft.	2 ft.	½ in.	100–140 days
Cabbage, Early	1 pkt.	February	April	1 pkt.	18–24 ins.	2 ft.	½ in.	80–100 days
Cabbage, Late	1 pkt.		May to July	1 pkt.	18–24 ins.	2–3 ft.	½ in.	120–180 days
Carrots, Early	1 pkt.	March	April and May	½ oz.	2–3 ins.	12 ins.	½ in.	60– 80 days
Carrots, Late	1 pkt.		May to July	½ oz.	2–3 ins.	12 ins.	½ in.	100–120 days
Cauliflower, Early	1 pkt.	February	April	1 pkt.	2 ft.	2 ft.	½ in.	90–115 days
Cauliflower, Late	1 pkt.		May and June	1 pkt.	2 ft.	2 ft.	½ in.	100–140 days
Celery	1 pkt.	February	April and May	1 pkt.	6 ins.	3–5 ft.	⅛–¼ in.	115–135 days
Celeriac	1 pkt.		April and May	1 pkt.	6 ins.	3 ft.	¼ in.	100–150 days
Corn, Early	1 pkt.		May	¼ lb.	3 ft.	3–4 ft.	1 in.	60– 80 days
Corn, Main-crop	1 pkt.		May to July	¼ lb.	4 ft.	4 ft.	1 in.	80–100 days
Corn Salad	1 pkt.		April and May	¾ oz.	6 ins.	12 ins.	½ in.	45– 60 days
Cucumbers	1 pkt.		May to July	1 pkt.	4–6 ft.	4–6 ft.	1 in.	50– 70 days
Eggplant	1 pkt.	March		1 pkt.	18 ins.	2 ft.	⅛ in.	110–120 days
Endive	1 pkt.	February	April to Aug.	1 pkt.	12 ins.	18 ins.	½ in.	75–100 days
Kale, for spring use	1 pkt.		Aug. and Sept.	1 pkt.	2 ft.	2½ ft.	½ in.	55– 65 days
Kale, for fall use	1 pkt.		June to July	1 pkt.	2 ft.	2½ ft.	½ in.	55– 65 days
Kohlrabi	1 pkt.		April to July	1 pkt.	5 ins.	15 ins.	½ in.	50– 60 days
Lettuce	2 pkts.	February	April to Aug.	1 pkt.	12 ins.	12–15 ins.	⅛–¼ in.	45– 80 days
Leek	1 pkt.	February	April and May	½ oz.	6 ins.	12 ins.	½–1 in.	120–150 days
Melons, Musk	1 pkt.		May to June	1 pkt.	4–6 ft.	4–6 ft.	½–1 in.	90–120 days
Melons, Water	1 pkt.		May to June	1 pkt.	8–10 ft.	8–10 ft.	½–1 in.	100–125 days
Okra	1 pkt.		May and June	½ oz.	10 ins.	3 ft.	1 in.	55– 60 days
Onion Seed	1 pkt.	February	April and May	1 pkt.	2–3 ins.	12–15 ins.	¼ in.	95–120 days
Onion Sets	1 lb.		April and May	1 qt.	3 ins.	1 ft.	1 in.	60– 75 days
Parsley	1 pkt.		April and May	½ oz.	4–6 ins.	1 ft.	½ in.	65– 90 days
Parsnip	1 pkt.		April	1 pkt.	3–6 ins.	15–18 ins.	½–1 in.	100–150 days
Peas (smooth), Early	½ lb.		March to May	1 lb.	2 ins.	3 ft.	2 ins.	50– 65 days
Peas (wrinkled)	1 lb.		April and May	1 lb.	2 ins.	3 ft.	2–3 ins.	50– 75 days
Peppers	1 pkt.	March		1 pkt.	15–18 ins.	2–3 ft.	¼ in.	100–130 days
Potatoes	1 pk.		April to July	½ pk.	10 ins.	3 ft.	3–4 ins.	60– 90 days
Pumpkin	1 pkt.		May to June	1 pkt.	8–10 ft.	8–10 ft.	1 in.	100–130 days
Radish, Early	2 pkts.	March	April to Sept.	½ oz.	1–2 ins.	12 ins.	¼ in.	25– 50 days
Radish, Winter	1 pkt.		July and Aug.	½ oz.	3–4 ins.	12 ins.	¼ in.	25– 50 days
Salsify	1 pkt.		April and May	¾ oz.	4–6 ins.	15–18 ins.	1 in.	125–130 days
Spinach	1 pkt.		April to Sept.	½ oz.	4 ins.	12–18 ins.	½–1 in.	40– 55 days
Squash, Summer	1 pkt.		May to July	1 pkt.	4–6 ft.	4–6 ft.	½–1 in.	50– 65 days
Squash, Winter	1 pkt.		May to June	1 pkt.	8–10 ft.	8–10 ft.	1 in.	60–110 days
Swiss Chard	1 pkt.		April to June	¾ oz.	6 ins.	15–18 ins.	½ in.	50– 60 days
Tomato	1 pkt.	Feb. and April	June	1 pkt.	3 ft.	3 ft.	¼ in.	100–120 days
Turnips, Early	1 pkt.		April and May	½ oz.	4 ins.	15 ins.	½ in.	40– 75 days
Turnips, Late	1 pkt.		July to Sept.	½ oz.	4 ins.	15 ins.	½ in.	40– 75 days
Rutabaga	1 pkt.	March	June and July	½ oz.	8–10 ins.	2 ft.	½ in.	70– 90 days



VEGETABLE SEEDS THAT SUCCEED

ASPARAGUS

One ounce to 50 feet of drill about 4 pounds to the acre

CULTURE. Sow in April in drills about 1 foot apart and 1 inch deep. Keep cultivated and transplant to permanent bed when a year old, following instructions under Asparagus Roots.

167. Mary Washington. A rust-resistant variety with mammoth shoots of tempting color and outstanding quality. A heavy producer. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

ASPARAGUS ROOTS

CULTURE. Plant in spring, after March 15, in rows 3 feet apart. The beds should be dug 18 inches deep. Place several inches of manure in the bottom of the trench and cover with 3 to 4 inches of clean rich soil.

Mary Washington. 2-yr. roots, 25, $1.00; 100, $2.50; 1000, $18.00. By mail, 20c. per 100 extra.

ARTICHOKE

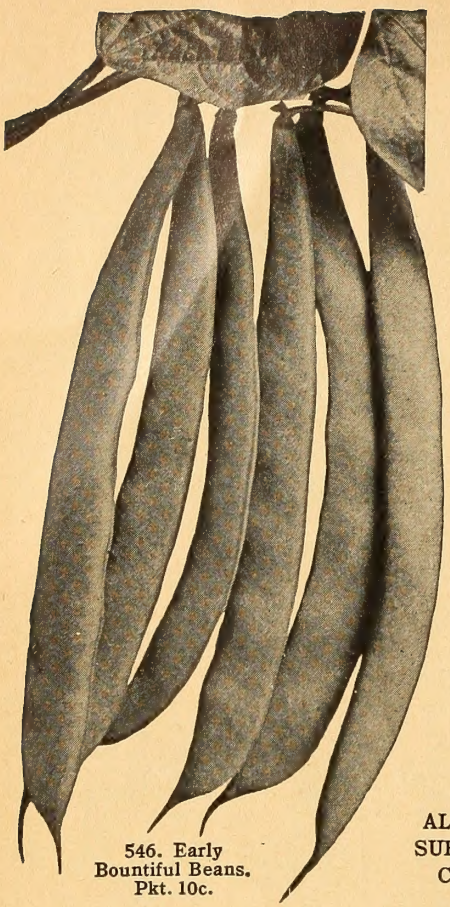
One ounce will produce about 500 plants

CULTURE. Sow seeds in January in the greenhouse or in hotbeds in March. Transplant, when large enough, in rows 3 feet apart, 2 feet in the row. Cultivate when growing freely, and protect the plants in winter by taking them into a cellar or in a coldframe.

248. Green Globe. Pkt. 25c.; oz. $1.00, postpaid.

BEANS

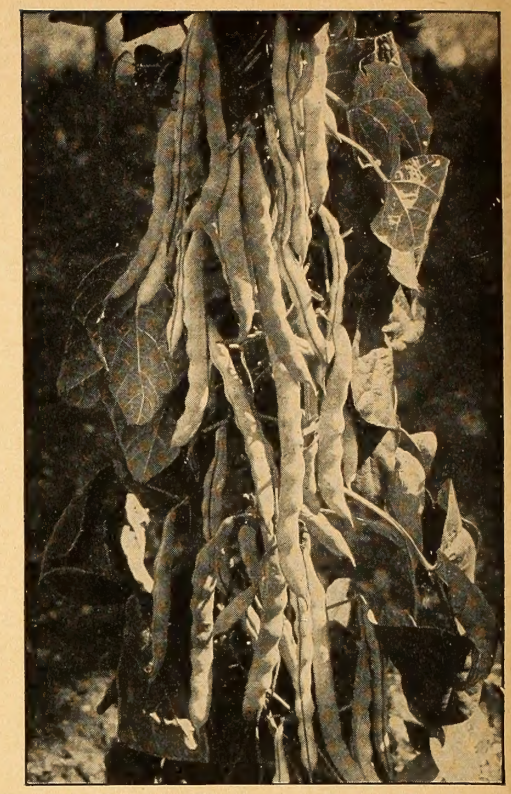
There are five varieties of Beans illustrated on this page covering exceptionally good varieties of green, wax, lima and pole beans. They are fully described alphabetically under their classification and offer a wide choice for the most discriminating gardener. It will add to your enjoyment if you grow these this coming season.



546. Early Bountiful Beans. Pkt. 10c.

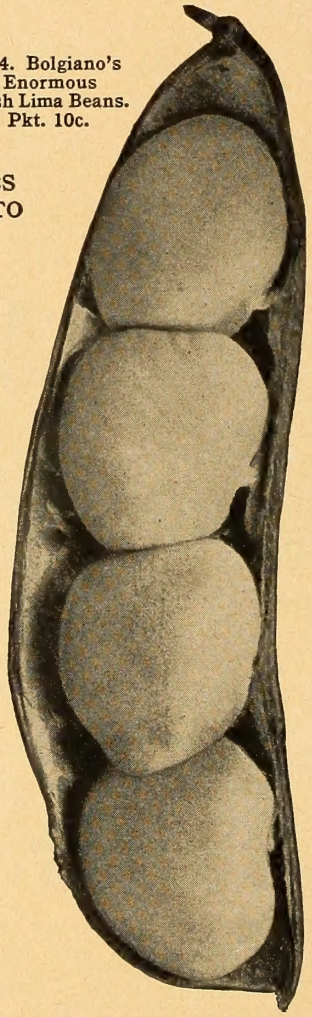
THE POLE BEANS

Pictured on this page is one of the all-round useful Pole Beans which can be used as Snap Beans, green Shell Beans or the dried Beans of winter. A useful group indeed.



553. Kentucky Wonder Pole Beans. Pkt. 10c.

504. Bolgiano's Enormous Bush Lima Beans. Pkt. 10c.

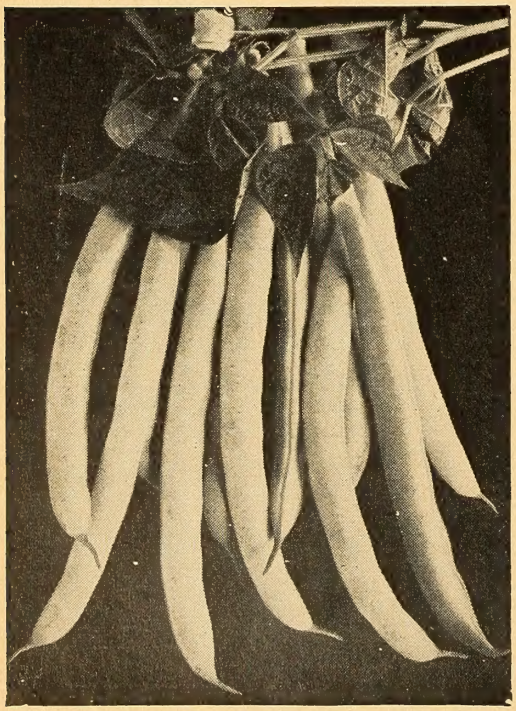


ALL PRICES SUBJECT TO CHANGE

FIGHT THE BEAN BEETLE

Keep the plants free of pests so they can produce a full crop of this splendid vegetable. Protect the foliage against the pestiferous Mexican bean beetle by keeping dusted with Acme Rotenone Garden Guard. See page 72

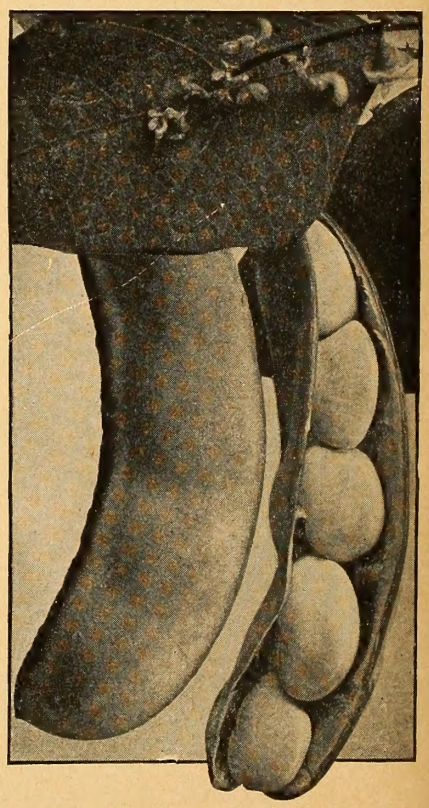
See page 74



541. Bolgiano's Best Yet Wax Beans. Pkt. 10c.

LIMA BEANS

Limas are universally liked, both as green Shell Beans and when dried for winter use. The plants, both bush and climbing, are very productive and furnish great quantities of delicious food.



517. Evergreen Pole Lima Beans. Pkt. 10c.

BEANS

Every garden, large or small, must have Beans which are among the finest of all vegetables. They are filled with flavor and health-giving vitamins and furnish the best of food when fresh, canned, or dried. Pick Green-podded and Wax Beans early and often for heavy crops.

CULTURE. Plant about May 1 if soil is warm and dry, in rows 2½ to 3 feet apart, dropping the Beans 3 inches apart in the drills and covering not more than 2 inches deep. Soil should be well prepared. Give frequent but shallow cultivation. Sow every 2 weeks for a succession.

We pay postage on pkts., lbs., 2 lbs., and 5 lbs. Larger quantities will be sent by Parcel Post if postage is included with order; otherwise they will be shipped by Express or Freight Collect. See page 2 for Parcel Post rates.

Green-podded Bush Beans

Two pounds will plant 100 feet of drill; 70 pounds, an acre. A peck weighs 15 pounds, a bushel 60 pounds.

525. Bolgiano's Stringless Green-Pod. (Ready to pick in 50 days.) A superior strain producing heavy crops of long, meaty, absolutely stringless pods. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.30; 60 lbs. $12.00, not postpaid.

526. Boston Pea or **White Navy.** (Matures in 90 days.) The most popular of the so-called baking Beans. Easily grown and very productive. Pkt. 10c.; lb. 30c.; 2 lbs. 55c.; 5 lbs. $1.30, postpaid. 15 lbs. $3.00; 60 lbs. $10.80, not postpaid.

539. Dwarf Horticultural. (Ready to pick in 54 days.) The always stringless pods of medium length are splashed with red. Not only an excellent pod Bean but the green shelled Beans mature early and are of the finest quality. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.45; 60 lbs. $12.60, not postpaid.

546. Early Bountiful. (Ready to pick in 48 days.) Early, flat-podded; rich green, stringless pods 6½ to 7 inches long. Brittle and tender; ships well. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.15; 60 lbs. $11.40, not postpaid.

549. Full Measure. (Ready to pick in 52 days.) An early, abundant producer over a long season. A stringless Bean which is a popular market variety. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.45; 60 lbs. $12.60, not postpaid.

547. Giant Stringless. (Ready to pick in 52 days.) Very long, nearly round, straight pods of medium green. Vigorous, spreading plants. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.15; 60 lbs. $11.40, not postpaid.

577. Plentiful. (Ready to pick in 51 days.) Classified as a black-seeded Bountiful. Pods flat, light green, quite straight and stringless. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.15; 60 lbs. $11.40, not postpaid.

548. Stringless Black Valentine. (Ready to pick in 51 days.) Early and hardy; plant is upstanding and very prolific. Pods 6½ to 7 inches long, oval-round and filled with meaty, deliciously flavored Beans. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.00; 60 lbs. $10.80, not postpaid.

545. Stringless Green-Pod. (Ready to pick in 53 days.) Very early and prolific; long, round, fleshy, medium green pods. Desirable for the small garden because of its crispness and long season. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.00; 60 lbs. $10.80, not postpaid.

550. Stringless Red Valentine. (Ready to pick in 52 days.) Especially valuable for its earliness and ability to produce a crop under adverse conditions. Medium-sized pods of good color and quality. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.45; 60 lbs. $12.60, not postpaid.

551. Tendergreen Beans. (Ready to pick in 53 days.) "Best-in-Garden" variety. This grand Bean produces quantities of absolutely stringless, round, meaty, tender, deep green pods, 6½ to 7 inches long. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.45; 60 lbs. $12.60, not postpaid.

538. Tennessee Green-Pod. (Ready to pick in 54 days.) The intermediate early Snap Bean. Flat, dark green pods 6 to 7 inches long. Oval, flat, yellowish brown seeds. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.30; 60 lbs. $12.00, not postpaid.

Edible Soy Beans

Many varieties of edible Soy Beans have been imported from the Orient by the Department of Agriculture and detailed studies as to their adaptation to growing conditions in this country have been made. As a result, many varieties suitable for table use have been developed. They are very prolific, highly resistant to disease and insect pests; very nutritious when cooked and served similar to Lima Beans.

528. Bansei. (112 days for use as green shelled Beans; full maturity for dry Beans 30 days later.) Plant medium, very erect, a heavy producer and ripens quickly at end of season. Beans at green eating stage are dark green, oval in shape; when fully matured, yellowish with brown eye; medium size. Lb. 35c.; 2 lbs. 65c., postpaid.

Wax Beans

541. Bolgiano's Best Yet Wax. (Ready to pick in 52 days.) "Best-in-Garden" variety. It is "Best Yet" in every way. The erect, bushy plants are disease-resistant and really work hard producing their attractive, delicious pods. Rich lemon-yellow in color and oval in form, the pods are brittle and absolutely stringless. Superlative for the home-garden, the market gardener and the canner. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.65, postpaid. 15 lbs. $4.05; 60 lbs. $15.00, not postpaid.

552. Improved Golden Wax. (Ready to pick in 50 days.) Our improved strain of Golden Wax, rustproof to a remarkable degree and an early and free producer of perfectly stringless, thick, flat, yellow pods. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.60, postpaid. 15 lbs. $3.90; 60 lbs. $14.40, not postpaid.

542. Pencil-Pod Wax. (Ready to pick in 52 days.) A popular all-purpose variety with long, round, bright yellow pods over a long season. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.60; 60 lbs. $13.20, not postpaid.

540. Sure-Crop Stringless Wax. (Ready to pick in 53 days.) Pods are 6 to 7 inches long, flat, tender and of fine flavor. A fine late variety. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.30; 60 lbs. $12.00, not postpaid.

Climbing or Pole Beans

One pound will plant 100 hills; 30 pounds an acre

543. Cherry Pole, Horticultural, or **Cut-short.** (Ready to pick in 75 days.) The short pale green pods are streaked with red and the Beans are splashed and spotted with wine-red. The Beans are of the highest quality either green or dry. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.30; 60 lbs. $12.00, not postpaid.

530. Golden Cluster Wax. (Ready to pick in 74 days.) An extra-strong grower and a very productive one. The golden yellow pods are very long and broad, stringless and of excellent flavor. The dry Beans are pure white. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.70, postpaid. 15 lbs. $4.20; 60 lbs. $15.60, not postpaid.

553. Kentucky Wonder or **Old Homestead.** (Ready to pick in 65 days.) One of the earliest and most productive of the green-podded varieties. Silvery green, entirely stringless pods hang in great clusters from base to top of the pole. These Beans cook deliciously tender. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.30; 60 lbs. $12.00, not postpaid.

527. Lazy Wife. (Ready to pick in 74 days.) An all-purpose Bean, excellent for snaps and green shelled or dry Beans. The broad, thick, stringless pods are 5 to 7 inches long. Seed roundish white when dry. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.60; 60 lbs. $13.20, not postpaid.

573. White Creaseback or **Cornfield.** (Ready to pick in 65 days.) One of the earliest pole varieties used for both snap and dry Beans. The crease-backed pods are stringless when young and the dry Beans are small and ivory-white. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 15 lbs. $3.60; 60 lbs. $13.20, not postpaid.

Kidney Beans

506. Red Kidney. (Ready to pick in 95 days.) For Dry Bean use. Vine 14 to 16 inches tall, bush type, medium green color. Seed is dark rich red, flattened oval kidney shape. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid. 10 lbs. $3.45; 60 lbs. $12.60, not postpaid.

Bolgiano's Vegetable Garden Collection

COMPOSED ENTIRELY OF "BEST-IN-GARDEN" VARIETIES

This Collection covers the most popular kind of vegetables used in every home, gives you the best varieties to order and saves you time and money. As these Collections are set up in advance, we cannot make any change in varieties or quantities.

		Regular Price
½ lb.	**Beans, Tendergreen**	$0 25
½ lb.	**Beans, Bush Lima, Enormous**	25
1 pkt.	**Beet, Extra-Early Superb**	10
1 pkt.	**Carrot, Early Rubicon**	10
1 pkt.	**Corn, Golden Cross Bantam**	10
1 pkt.	**Kale, Imperial Curly Long Standing**	10
1 pkt.	**Lettuce, Masterpiece**	10
1 pkt.	**Parsley, Best Triple Curled**	10
½ lb.	**Peas, Early Bird**	$0 25
1 pkt.	**Radish, Scarlet Globe**	05
1 pkt.	**Spinach, Long-standing Savoy**	10
1 pkt.	**Squash, Farr's Benning White Bush**	10
1 pkt.	**Tomato, Marglobe**	10
1 pkt.	**Turnip, Purple-Top White Globe**	05
		$1 75

SPECIAL OFFER: $1.75 worth of seed for postpaid **$1.25**

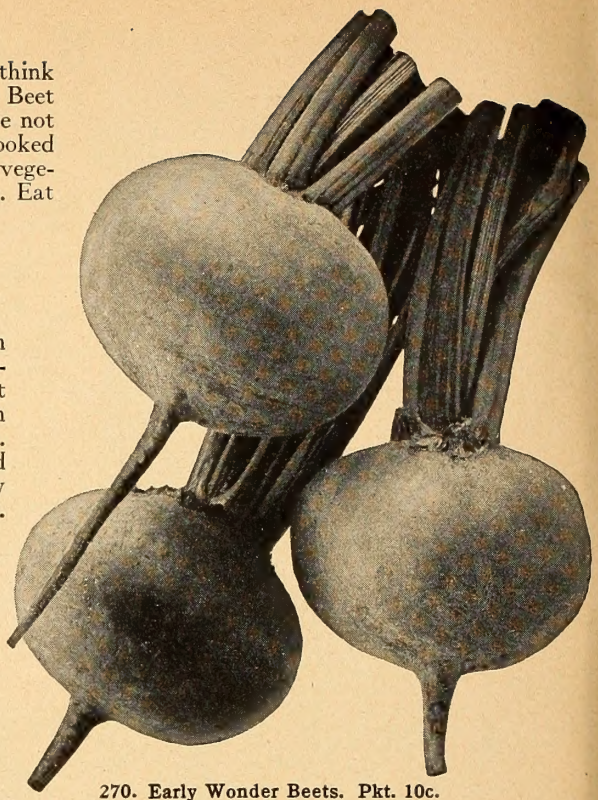
BEET TOPS

Beet Tops are discarded by those who think the root is the only edible portion of the Beet plant, but the fact is that Beet Tops are not only crammed with vitamins but when cooked as "Greens" they are as tasty as most vegetables grown especially for that purpose. Eat your Beet Tops.

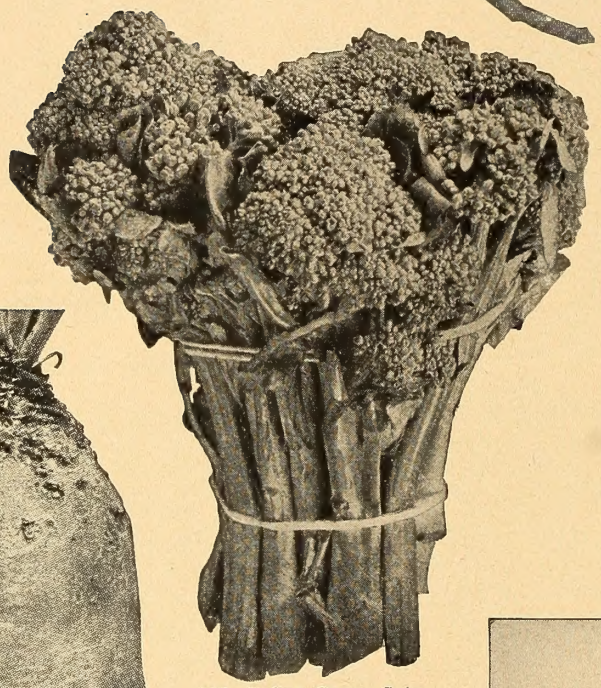
BEETS FOR WINTER

Beets well grown and properly matured can be kept for long periods in winter storage. Freshly cooked Beets add variety to the winter diet.

296. Bolgiano's Extra-Early Superb Beet. Pkt. 10c.



270. Early Wonder Beets. Pkt. 10c.



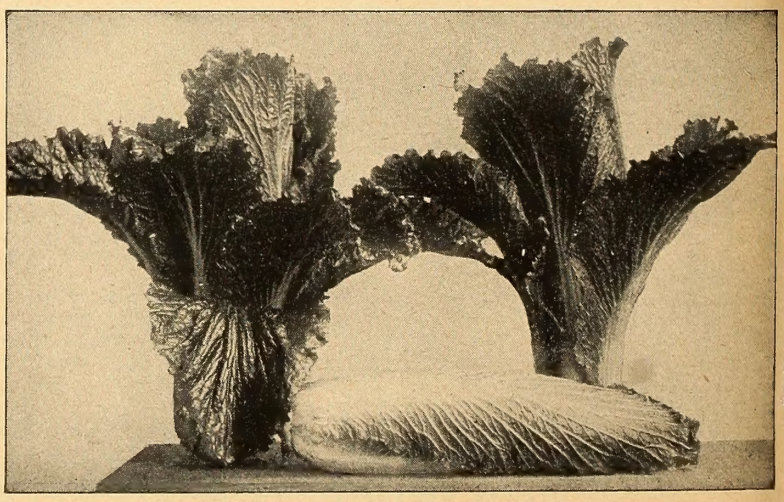
235. Italian Green Calabrese Broccoli. Pkt. 10c.

300. Fordhook Giant Swiss Chard. Pkt. 10c.

283. Giant Mangel-Wurzel Beet. Oz. 20c.

TRY THESE

Italian Broccoli and Chinese Cabbage are two vegetables almost unknown to the average gardener. They have distinct flavors and are delicious foods. If you haven't tried them, do so and be pleased.



308. Chinese Cabbage, Chihili. Pkt. 10c.

We pay postage on pkts., lbs., 2 lbs., and 5 lbs. Larger quantities will be sent by Parcel Post if postage is included with order; otherwise they will be shipped by Express or Freight Collect. See page 2 for Parcel Post rates.

LIMA BEANS

CULTURE. Limas do best in a rich, well-drained, sandy soil and should not be planted until the ground is dry and warm. Plant the seeds edgewise, with the eye down, and cover with about 2 inches of soil.

Bush Lima Beans

One pound will plant a 100-foot row; 60 pounds, an acre

CULTURE. Plant Bush Limas in rows 3 feet apart, placing 2 or 3 Beans 12 to 15 inches apart in the row.

500. Baby Fordhook. (Ready to pick in 70 days.) The bushy plants carry surprising crops of small pods each containing 3 or 4 meaty green Beans which turn cream-colored when dry. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid.
15 lbs. $3.60; 60 lbs. $13.20, not postpaid.

504. Bolgiano's Enormous. (Ready to pick in 75 days.) "Best-in-Garden" variety. Very early; vigorous bushes producing enormous pods continuously from June until frost. Large thick pods are filled with lusciously flavored thick Beans. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.60, postpaid.
15 lbs. $3.90; 60 lbs. $14.40, not postpaid.

512. Fordhook. (Ready to pick in 75 days.) Its strong, erect plants hold their clusters of large pods well above the ground. The pods are filled with thick meaty Beans which retain their green tint when dried. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid.
15 lbs. $3.60; 60 lbs. $13.20, not postpaid.

501. Fordhook 242. (Ready to pick in 72 days.) Does better in hot weather and produces more than other Fordhook varieties. Curved pods with 3 or 4 thick Beans of fine flavor. Large plant with heavy foliage. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.65, postpaid.
15 lbs. $4.05; 60 lbs. $15.00, not postpaid.

505. Henderson's. (Ready to pick in 65 days.) A popular home-garden variety, very early and very productive. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid.
15 lbs. $3.00; 60 lbs. $10.80, not postpaid.

513. Improved Large. (Ready to pick in 75 days.) Large pods well filled with large thick Beans of excellent flavor. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.60, postpaid.
15 lbs. $3.75; 60 lbs. $13.80, not postpaid.

Pole Lima Beans

One pound will plant 50 hills; 45 pounds an acre

CULTURE. Plant 4 to 6 Beans in each hill and thin to the 3 best plants.

503. Bolgiano's Emerald Isle. (Ready to pick in 85 days.) You would really enjoy growing Emerald Isle just for its mammoth pods which are often over 7 inches long and 1½ inches wide, but in addition to its size it is early and is a heavy yielder of fine-flavored Beans. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.60, postpaid.
15 lbs. $3.75; 60 lbs. $13.80, not postpaid.

517. Bolgiano's Evergreen. (Ready to pick in 85 days.) "Best-in-Garden" variety. Clusters of large pods hang all over the vine and are filled with the most delicious Beans which are so tender they cook quickly. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.60, postpaid.
15 lbs. $3.75; 60 lbs. $13.80, not postpaid.

509. Carolina or **Sieva.** (Ready to pick in 78 days.) Familiarly known in the South as the "Butter Bean," it is a very early and productive variety. The small Beans are white and of good flavor. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid.
15 lbs. $3.00; 60 lbs. $10.80, not postpaid.

502. Carpinteria. (Ready to pick in 85 days.) A good producer of 5 to 6-inch pods usually containing 4 large, very thick Beans of fine quality which have a distinctive greenish tint. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid.
15 lbs. $3.60; 60 lbs. $13.20, not postpaid.

516. King of the Garden. (Ready to pick in 85 days.) Luxurious growth produces large pods filled with 5 or 6 perfect Beans of luscious quality which retain their green color when dry. Pkt. 10c.; lb. 40c.; 2 lbs. 75c.; 5 lbs. $1.50, postpaid.
15 lbs. $3.60; 60 lbs. $13.20, not postpaid.

508. Potato or **Improved Challenger.** (Ready to pick in 78 days.) So named because the Beans are of a similar shape and size as those of Fordhook Bush Lima. Pkt. 10c.; lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.60, postpaid.
15 lbs. $3.90; 60 lbs. $14.40, not postpaid.

BEETS

One ounce will sow 50 feet of drill; 6 to 7 pounds, an acre
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Beet tops have unusually high food value, being rich in vitamins A and C and rank high as suppliers of calcium and iron. Save all your Beet tops, especially the little ones pulled out in thinning; they make delicious cooked "greens."

CULTURE. Beets do best in fairly light, well-enriched soil which is kept well cultivated during the season. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and for a succession continue sowing up to the middle of August. When 3 inches tall thin out to stand 4 inches apart.

Late Beets can be kept for winter use by packing the roots in slightly moist earth in a cool cellar.

260. Bolgiano's Early Eclipse. (55 days.) Remarkable for its rapid growth, perfect flesh and medium foliage. Roots are bright glossy red and very fine-grained. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

296. Bolgiano's Extra-Early Superb. (50 days.) "Best-in-Garden" variety. Superior merit has placed this in the lead of all early turnip-shaped Beets. It is very early. The shape is uniformly perfect and is free from fibrous side-roots. It is the smoothest Beet we have ever seen. Its rich, dark blood-red flesh is tender, crisp and deliciously sweet. Its small top makes it ideal for bunching. It is excellent for forcing or to grow for the main crop. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

275. Crosby's Extra Early. (50 days.) Superior strain of Egyptian with deep blood-red flesh. Roots are slightly flattened globes with small tap-roots. The larger tops are in demand for "greens." A perfect forcing Beet. Pkt. 5c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

290. Detroit Dark Red. (60 days.) A standard dark red turnip-shaped Beet. The dark green tops are tinged with red and stand up well.
Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

267. Early Blood Turnip. (55 days.) Bright red, medium early Beet of very good quality. Popular for home or garden use. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

270. Early Wonder. (52 days.) Its extra-early maturity, small tap-root, small tops, deep red color and fine-grained flesh make this a winner in the early market. Successful in hotbeds, coldframes or open ground. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

293. Long Smooth Blood. (78 days.) A fall and winter variety suitable for storage. Its dark purplish roots are 10 to 12 inches long and 2 to 2½ inches in diameter. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

142. Pink Crosby. (50 days.) An excellent, all-season, light pink Beet for outdoors or under glass. Perfectly smooth roots of desirable shape. Scant foliage. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

Mangel-Wurzel

For Cattle Feed

Sow 5 pounds to acre
Matures in 90 to 110 days

283. Giant. The heaviest cropper. Mammoth roots of fine quality. Oz. 20c.; ¼lb. 35c.; lb. $1.10; 2 lbs. $2.00; 5 lbs. $4.75, postpaid.

150. Golden Tankard. A large Mangel with yellow-fleshed roots. Splendid milk-producer. Oz. 20c.; ¼lb. 35c.; lb. $1.10; 2 lbs. $2.00; 5 lbs. $4.75, postpaid.

103. Improved Sugar Beet. Large roots rich in sugar. Hardy and very productive. Oz. 20c.; ¼lb. 35c.; lb. $1.10; 2 lbs. $2.00; 5 lbs. $4.75, postpaid.

204. New Jumbo. This new Beet is enjoyed by cattle and is a real milk producer. Oz. 20c.; ¼lb. 35c.; lb. $1.10; 2 lbs. $2.00; 5 lbs. $4.75, postpaid.

Swiss Chard

Spinach Beet

One ounce will sow 60 feet of row
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Chard is high in vitamin A and is a reliable source of iron.

CULTURE. Sow the seeds about an inch apart in the row, covering with an inch of soil. When 3 to 4 inches tall, thin to stand 8 to 10 inches apart in the row. The plants will furnish "greens" all summer and fall. If plants are protected over winter they will furnish early "greens" before the new crop is ready.

300. Fordhook Giant. (60 days.) Wide, heavily crumpled leaves of dark green and broad, thick white stems. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

279. Lucullus. (60 days.) Plants grow 1½ to 2 feet tall with many creamy white, curled leaves carried on broad thick stalks. Pkt. 5c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

BROCCOLI

One ounce will produce 2500 to 3000 plants
Prices include postage on pkts., ozs., and lbs.

Broccoli is an excellent source of vitamins A and C and supplies both calcium and iron.

CULTURE. Start seed in hotbeds in early spring or sow in garden when soil is in condition to work. Transplant to open ground when plants are six weeks old, setting them 2 feet apart in row.

235. Italian Green Calabrese or **Italian Green Sprouting.** (75 days.) "Best-in-Garden" variety. This Broccoli makes a tall branching plant with a central head of bluish green buds, and after this central head is cut each branch forms a smaller head so that there is continuous production for 8 to 10 weeks. This is a delicious vegetable becoming more popular every year. Pkt. 10c.; oz. 40c.; ¼lb. 75c.; lb. $2.50, postpaid.

168. Salad Broccoli. Yields an abundance of excellent salad "greens." Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.00, postpaid.

276. Imperator Carrots. Pkt. 10c.

294. Early Rubicon Carrots. Pkt. 10c.

280. Danvers Half-Long Carrots. Pkt. 10c.

282. Late Flat Dutch Cabbage. Pkt. 5c.

ALL PRICES SUBJECT TO CHANGE

117. Bolgiano's New Early Cabbage. Pkt. 10c.

274. Large Charleston Wakefield Cabbage. Pkt. 10c.

151. Marion Market Cabbage. Pkt. 10c.

BRUSSELS SPROUTS

One ounce will produce about 2500 plants
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Brussels Sprouts are high in vitamin C and have some vitamin A.

CULTURE. The plants are very hardy and may remain outdoors in many locations during the winter. Frost improves both quality and flavor of the vegetable. Handle seed and small plants like late cabbage.

110. Perfection. (90 days.) The stalks grow about 2 feet tall and produce from 50 to 100 delicious miniature cabbages. Pkt. 10c.; oz. 60c.; ¼lb. $1.50, postpaid.

CABBAGE

One ounce will produce 2000 to 2500 plants; ¼ pound should plant an acre
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Cabbage is especially valuable for its vitamin C.

CULTURE. Cabbage does best in fresh, rich, well-manured soil deeply prepared. For very early use sow in January or February in hotbeds, transplanting to other hotbeds when ready, or sow in coldframes in March. Transplant, when frost-danger has passed, to open ground, 1½ to 2 feet apart in the row.

Later crops can be sown outside from late March until early May, in drills from transplanting, or better, sow in the field-rows, thinning out instead of transplanting. Days listed are from setting of plants.

Extra-Early Varieties

122. Big Winner Wakefield. (68 days.) Like all the Wakefields, the head is conical with a blunt point but it is larger and of better quality. Pkt. 10c.; oz. 40c.; ¼lb. $1.00; lb. $3.50, postpaid.

128. Bolgiano's Early York. (65 days.) Valuable for its earliness and the round, very firm, heart-shaped heads. Pkt. 10c.; oz. 40c.; ¼lb. 90c.; lb. $3.00, postpaid.

229. Dark Green Copenhagen. (66 days.) The intense green color gives the heads a fresh appearance even after shipping. Pkt. 10c.; oz. 40c.; ¼lb. 90c.; lb. $3.00.

233. Early Round Dutch. (70 days.) Produces small compact plants; stem short; heads medium dark green; average 4 to 5 pounds. Pkt. 10c.; oz. 40c.; ¼lb. 90c.; lb. $3.00, postpaid.

200. Golden Acre. (65 days.) A Copenhagen type with smaller solid round heads maturing 7 to 10 days earlier than Copenhagen Market. Pkt. 10c.; oz. 40c.; ¼lb. $1.00; lb. $3.50, postpaid.

292. Jersey Wakefield. *Selected Stock.* (65 days.) The most popular early pointed-head Cabbage. Our selected stock has medium-sized solid heads with few outer leaves. Heads all mature at one time, an important feature when the land is wanted for another crop. Pkt. 10c.; oz. 35c.; ¼lb. 75c.; lb. $2.50, postpaid.

Early Varieties

266. Allhead Early. (78 days.) This earliest of the large-heading Cabbages produces remarkably solid, flat heads 6 to 7 inches deep. They are uniform in color, form and size. A good winter keeper. Pkt. 10c.; oz. 35c.; ¼lb. 75c.; lb. $2.50, postpaid.

117. Bolgiano's New Early. (75 days.) "Best-in-Garden" variety. Maturing a few days after the earliest varieties, it excels other market sorts in production and quality. The immense hearts develop rapidly and have few outer spreading leaves. Pkt. 10c.; oz. 40c.; ¼lb. 90c.; lb. $3.00, postpaid.

243. Copenhagen Market. (70 days.) A dependable market variety maturing high-quality heads averaging 3½ to 4 pounds each. Pkt. 10c.; oz. 35c.; ¼lb. 75c.; lb. $2.50, postpaid

102. Globe, Yellows-Resistant. (80 days.) A yellows-resistant strain of Glory of Enkhuizen. Pkt. 10c.; oz. 45c.; ¼lb. $1.15; lb. $4.00, postpaid.

180. Glory of Enkhuizen. (78 days.) A great kraut Cabbage, also popular with shippers. It is a sure header with globe-shaped, solid heads of gray-green color. Pkt. 10c.; oz. 35c.; ¼lb. 75c.; lb. $2.50, postpaid.

257. Jersey Queen. *Yellows-Resistant.* (65 days.) A selection from Jersey Wakefield. Heads small, compact, conical; leaves smooth, dark green. Pkt. 10c.; oz. 45c.; ¼lb. $1.15; lb. $4.00, postpaid.

274. Large Charleston Wakefield. (72 days.) This matures about 5 to 10 days later than Jersey Wakefield and produces heads so large that they should be planted 20 inches apart in the row. Heads are pointed and have dark green outer leaves. Pkt. 10c.; oz. 35c.; ¼lb. 75c.; lb. $2.50, postpaid.

151. Marion Market. *Yellows-Resistant.* (78 days.) A yellows-resistant strain of Copenhagen Market with the parent's round head and crisp tenderness. Succeeds where non-resistant strains fail completely. Pkt. 10c.; oz. 45c.; ¼lb. $1.15; lb. $4.00, postpaid.

113. Succession. (85 days.) For late summer and fall use. Pkt. 10c.; oz. 35c.; ¼lb. 75c.; lb. $2.50, postpaid.

212. Wisconsin Allhead Select. *Yellows-Resistant.* (85 days.) A yellows-resistant strain of the fine Allhead Early. Pkt. 10c.; oz. 45c.; ¼lb. $1.15; lb. $4.00, postpaid.

Late Varieties

282. Late Flat Dutch. (110 days.) An old favorite with truck gardeners who appreciate its large size, solidity, uniformity and good keeping qualities. Pkt. 10c.; oz. 35c.; ¼lb. 75c.; lb. $2.50, postpaid.

255. Round Red Dutch. (95 days.) Best market variety. Very solid heads of deep purplish red. Pkt. 10c.; oz. 50c.; ¼lb. $1.40; lb. $5.00.

297. Perfection Drumhead Savoy. (90 days.) The best Savoy Cabbage for general use. Heads are nearly round, full and hard, with dark green crimped leaves. Pkt. 10c.; oz. 40c.; ¼lb. 90c.; lb. $3.00, postpaid.

125. Wisconsin All-Season. *Yellows-Resistant.* (90 days.) A drumhead in shape on short stems. It is resistant to yellows, drought and mosaic. Pkt. 10c.; oz. 45c.; ¼lb. $1.15; lb. $4.00, postpaid.

246. Wisconsin Ballhead. *Yellows-Resistant.* (95 days.) A yellows-resistant strain with uniform, very hard, ball-shaped heads. Short stems and blue-green leaves. Pkt. 10c.; oz. 50c.; ¼lb. $1.40; lb. $5.00, postpaid.

Frostproof Cabbage Plants
WILL DOUBLE YOUR PROFITS

Ready for Immediate Delivery

Matures Heads Two to Three Weeks Earlier Than Your Home-grown Plants

Our plants are grown in the South where are found soil and climatic conditions just suited for growing tough, hardy Cabbage plants during the winter and early spring. Here the plants develop steadily until they are ready for shipment at 8 to 10 weeks of age. They are then very tough and hardy and can be planted in the open ground a month to six weeks sooner than the more delicate hotbed or coldframe plants.

When spring comes the plants grow very fast, maturing headed Cabbage 2 to 3 weeks sooner than from hotbed or coldframe plants. Think what the difference in profit will be if your crop is matured and marketed before the general crop from home plants is matured!

Early Jersey Wakefield
Charleston Large-Type Wakefield
Allhead Early Copenhagen Market

Prices by Parcel Post, postage prepaid: 100 to 400 plants at 75c. per 100; 500, $3.00; 1000 or more, $4.50 per 1000 plants.

Prices by Express, prepaid: 1000 to 4000 at $4.00 per 1000 plants; 5000 to 8000 at $3.75 per 1000. Plants are packed for Parcel Post shipment—100, 200, 300, 400, 500 or 1000 plants to the package. For Express shipment: 1000 or 2000 plants to the package. Order only in these quantities. We pack only one variety to the package. They weigh about 20 pounds per thousand plants, packed for shipment.

TERMS: Cash with order. No plants shipped C.O.D.

Chinese or Celery Cabbage

A Chinese vegetable which is becoming more and more popular, finding a ready sale in city markets. Heads are easily blanched and may be used as a salad or boiled like cabbage. The plants are tender and heads must be gathered before frost.

308. Chihili. (75 days.) A very early variety which is a sure header, producing heads 18 to 20 inches long and 3½ to 4 inches through. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

216. Pe-Tsai. (80 days.) Solid, compact, somewhat tapering heads with all but the outer leaves blanching a rich creamy white. A delicious crisp, sweet vegetable. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

CARROTS

One ounce will sow 100 feet of row; 3 to 4 pounds, an acre
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Carrots are one of the best sources of the important vitamin A and provide a fair supply of vitamin C. Eat plenty of Carrots.

CULTURE. Carrots do best in rich, sandy loam well pulverized and kept deeply cultivated. Sow seed thinly in rows and cover with ½ inch of soil, treading down firmly. Sow as early as ground is workable and at periods up to July for latest crop. Thin out to 4 inches apart. Keep well cultivated.

104. Chantenay or Model. (72 days.) A broad stump-rooted Carrot 5 inches long and 2¼ inches through at shoulder. The roots are smooth; deep orange flesh is fine-grained and tender. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.60, postpaid.

280. Danvers Half-Long Orange Pointed. (75 days.) Large, cylindrical, smooth Carrot of dark orange. The flesh is close in texture with little core. It thrives in all soils and is one of the heaviest producers grown. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.60, postpaid.

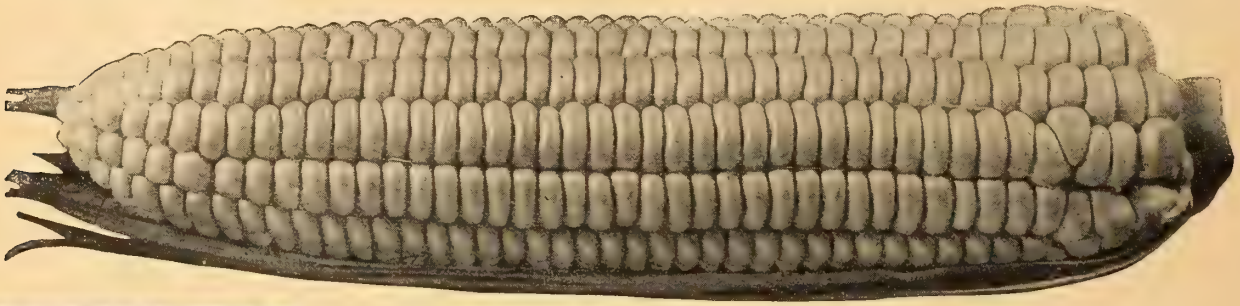
294. Early Rubicon. (72 days.) "Best-in-Garden" variety. A half-long, stump-rooted Carrot of deep red-orange. Earlier than Danvers, its heavier, thicker shoulder makes it a wonderfully heavy cropper, producing 3 to 4 tons to the acre under good culture. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.60, postpaid.

161. Half-Long Stump-rooted Nantes. (68 days.) This Carrot measures about 6 inches long by 1½ inches in diameter. Tops are small and the rich orange flesh is tender and sweet. Pkt. 10c.; oz. 30c.; ¼lb. 60c.; lb. $1.75, postpaid.

276. Imperator. (75 days.) An ideal Carrot for market growers and shippers. Strong tops bunch well. The tapering roots are 7 to 8 inches long with rich orange flesh, mild and sweet and nearly coreless. Pkt. 10c.; oz. 30c.; ¼lb. 60c.; lb. $1.75, postpaid.

188. Early Snowball Cauliflower. Pkt. 15c.

534. Ioana Hybrid Sweet Corn. Pkt. 10c.

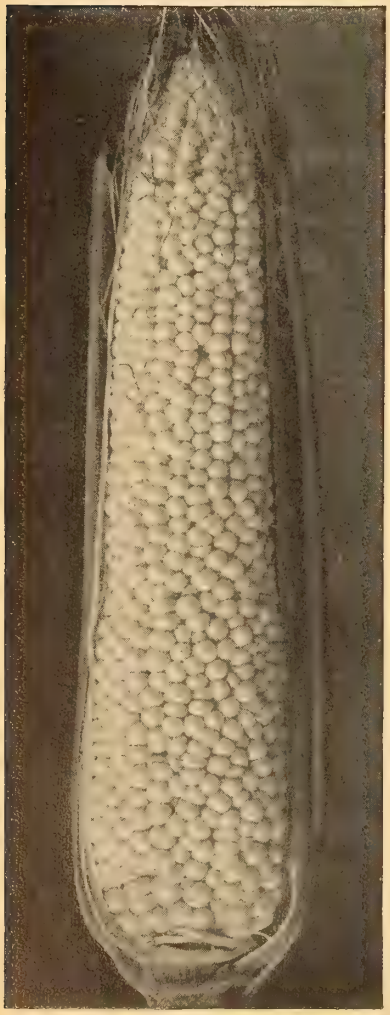


520. Golden Cross Bantam Corn. Pkt. 10c.

SWEET CORN

Don't let anyone tell you that all Sweet Corn tastes alike. It doesn't.

We offer several varieties of various types and there is a wide difference in appearance and eating quality. Get acquainted with the strangers.



515. Country Gentleman Corn. Pkt. 10c.

192. Golden Plume Celery
Pkt. 10c.

239. Golden Self-blanching Celery
Pkt. 10c.

CARROTS, continued

309. Nichol's Long Orange Improved. (85 days.) A heavy yielder and good keeper. Roots up to 12 inches long and 3 inches in diameter at top. Tender, sweet flesh makes it a desirable table Carrot. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.60, postpaid.

222. Oxheart Selected Stock. (75 days.) A thick-shouldered, blunt-tipped Carrot which grows rapidly to 5 inches long and often weighs more than a pound. The orange-red flesh is tender. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.60, postpaid.

148. Red-Core Chantenay. (70 days.) This tender, sweet Carrot is reddish orange all the way through. There is no yellow core to spoil the looks when it is sliced. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.60, postpaid.

CAULIFLOWER

One ounce will produce about 2000 plants.
Prices include postage on pkts., ozs., and ¼lbs.

Cauliflower is valuable for its vitamin C.

CULTURE. Same as Cabbage. When heads are about 2 inches in diameter tie up the outer leaves to blanch the head.

100. Autumn Giant. (130 days.) While heads are not as tightly formed as earlier varieties they remain fit for use longer. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.15; oz. $1.75; ¼lb. $5.00, postpaid.

188. Early Snowball. (90 days.) "Best-in-Garden" variety. This best known of all Cauliflowers may be planted early in spring or late in fall. The dwarf plants with their pale green leaves form a perfect background for the large, solid, pure white heads which are of excellent quality. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.15; oz. $1.75; ¼lb. $5.00, postpaid.

135. Extra-Early Dwarf Erfurt. (90 days.) Medium-sized snow-white heads with deep curd are developed on dwarf, short-stemmed plants. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.15; oz. $1.75; ¼lb. $5.00, postpaid.

252. The Twentieth Century. (90 days.) Large, compact heads of snow-white. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.15; oz. $1.75; ¼lb. $5.00, postpaid.

CELERY

One ounce will produce about 5000 plants; ⅛ ounce will sow 100 feet of row; ¼lb. will plant an acre.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

CULTURE. Sow from late March through April in rich mellow ground in shallow drills and keep well watered. Celery seed germinates in about two weeks if the soil is kept always moist. Transplant when the seedlings are 5 to 6 inches tall to stand 5 to 6 inches apart in the row. Keep well cultivated and blanch by earthing up when plants are large enough. Days to maturity of Celery varies considerably; we give approximate days.

127. Easy Blanching. (115 days.) A splendid second-early variety, dwarf and compact in habit with light green foliage. The stalks blanch easily to pure white and are heavy, crisp and of good flavor. Pkt. 10c.; oz. 65c.; ¼lb. $2.00; lb. $7.50, postpaid.

155. Giant Pascal. (135 days.) A strong-growing Celery with dark green leaves and large thick stalks which blanch easily. They are solid and crisp with a rich nutty flavor. Pkt. 10c.; oz. 65c.; ¼lb. $2.00; lb. $7.50, postpaid.

192. Golden Plume or **Wonderful.** (110 days.) "Best-in-Garden" variety. Attractive in appearance, it produces attractive full hearts of golden yellow. These are delightfully crisp, free from strings and have a rich nutty flavor. The plants are resistant to blight and rot. Pkt. 10c.; oz. 80c.; ¼lb. $2.75; lb. $9.00, postpaid.

239. Golden Self-blanching. *Bolgiano's Special Strain.* (115 days.) Growth is vigorous and compact with straight stalks which are rich golden yellow in color and solid and crisp, with the delicious flavor its appearance indicates. Pkt. 10c.; oz. 65c.; ¼lb. $2.00; lb. $7.50, postpaid.

259. Flavoring Celery. *Not for sowing.* An excellent spicy flavoring for soups, salads, etc. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. $2.75, postpaid.

CELERIAC

Turnip-rooted Celery

One ounce will sow 800 feet of row

CULTURE. Seed should be started indoors and transplanted when large enough to stand 8 inches apart in the row. Use when the roots are about 2 inches across. Culture is much the same as celery except that it is not hilled up, the edible portion being the roots. Prefers well-manured, fairly moist soil. Frequent cultivation and frequent waterings during dry times produce the finest roots.

165. Large Smooth Prague. (120 days.) A distinct variety with large, smooth, round roots. With a celery-like flavor the roots may be boiled or used in soups, stews, etc. Pkt. 10c.; oz. 60c.; ¼lb. $1.90; lb. $7.00, postpaid.

CELTUCE

241. Celtuce. (90 days.) A new vegetable from China where the young leaves are eaten as lettuce and the hearts of the peeled stalks are eaten either raw or cooked. Here the young leaves are used in salads or boiled like other "greens" and the stem-hearts treated about as celery or carrots.

Sow thinly in rows as soon as ground can be worked and thin out to allow development. Stalks will be ready for use in 90 days. Pkt. 10c., ¼oz. 20c.; ½oz. 30c.; oz. 50c., postpaid.

CHICORY

½ ounce will plant 100 feet of row; 4 pounds, an acre

199. Witloof or **French Endive.** (110 days.) Seed should be sown in open ground not later than June and thinned out to stand 4 to 6 inches apart. The plants form large parsnip-shaped roots which are lifted in fall, trimmed of leaves and stored in soil in a cool place until wanted for forcing. Roots can be forced in a frame, greenhouse or warm cellar. Pkt. 10c.; oz. 40c.; ¼lb. $1.25; lb. $4.50, postpaid.

217. Cicoria di Catalogna (Radichetta). An annual with leaves like dandelion, used for early greens; leaves and flower shoots very tender, with faint asparagus flavor. Pkt. 10c.; oz. 40c.; ¼lb. $1.25; lb. $4.50, postpaid.

COLLARDS

One ounce will sow 200 feet of row

Collards is a large Kale popular in the South, and as a producer of winter and spring "greens" is unexcelled. Collards provide vitamins A, C and B_1.

CULTURE. Sow thickly in rows any time up to September, in rich ground, transplanting when about 4 inches high, or sow where the plants are to remain and thin out to stand 2 feet apart.

261. Cabbage-Collards. (75 days.) A cross of Collards and cabbage, having a cabbage-like flavor and growing 2 feet tall. Pkt. 5c.; oz. 15c.; ¼lb. 35c.; lb. 90c., postpaid.

281. Southern or **Georgia.** (75 days.) The old-time favorite which stands all kinds of adverse conditions without injury, providing good "greens" in soil too poor to grow cabbage. Pkt. 5c.; oz. 15c.; ¼lb. 35c.; lb. 90c., postpaid.

SUGAR OR SWEET CORN

One pound plants 200 hills; 10 to 12 pounds, an acre.
We pay postage on Corn in pkts. and 1, 2 and 5-lb. pkgs.
Larger quantities see page 2 for Parcel Post rates.

CULTURE. Corn should never be planted until the ground has become warm and dry. For succession plant every two weeks until the middle of July. Corn thrives in rich, well-manured ground. In hand-planting make a shallow hole with corner of the hoe, drop 6 kernels of Corn, cover with an inch of soil, and press down with the hoe. Hills should be 3 feet apart. Thin out to 3 plants in each hill. Extra-early varieties can be planted as close as 1½ feet apart.

Extra-Early Varieties

(Not Sugar Corn)

533. Adams' Extra Early. (72 days.) Five-inch ears of white Corn which is fairly tender and sweet when young. Pkt. 10c.; lb. 30c.; 2 lbs. 55c.; 5 lbs. $1.15, postpaid. 10 lbs. $1.60; 50 lbs. $7.00, not postpaid.

522. Adams' Second Early. (78 days.) Ears are longer and a few days later than Adams' Extra Early. Pkt. 10c.; lb. 30c.; 2 lbs. 55c.; 5 lbs. $1.10, postpaid. 10 lbs. $1.50; 50 lbs. $6.50, not postpaid.

511. Bolgiano's Early Ideal. (78 days.) Large ears 7 to 10 inches long with mildly flavored kernels. Pkt. 10c.; lb. 30c.; 2 lbs. 55c.; 5 lbs. $1.10, postpaid. 10 lbs. $1.40; 50 lbs. $6.50, not postpaid.

521. Truckers' Favorite. (80 days.) A very hardy white Corn with large ears. A favorite in the South. Pkt. 10c.; lb. 30c.; 2 lbs. 55c.; 5 lbs. $1.05, postpaid. 10 lbs. $1.40; 50 lbs. $6.00, not postpaid.

Early Varieties

524. Bolgiano's New Cream and Honey. (80 days.) It grows 4 feet tall and produces two or three, 5 to 8-inch ears of deliciously sweet kernels of rich flavor. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.55, postpaid. 10 lbs. $2.40; 50 lbs. $11.00, not postpaid.

514. Extra-Early Evergreen. (80 days.) Ripens 10 days earlier than the famous Stowell's Evergreen. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.55, postpaid. 10 lbs. $2.40; 50 lbs. $11.00, not postpaid.

513. Golden Bantam. (80 days.) Delicious yellow Corn which is yet one of the sweetest and tastiest of all. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.45, postpaid. 10 lbs. $2.20; 50 lbs. $10.00, not postpaid.

532. Howling Mob. (85 days.) An early white variety with 7 to 9-inch ears having 12 rows of splendidly flavored kernels. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.55, postpaid. 10 lbs. $2.20; 50 lbs. $11.00, not postpaid.

Late Varieties

523. Black Mexican. (87 days.) The seed is black but kernels are white at table stage. Very sweet and tender. Pkt. 10c.; lb. 45c.; 2 lbs. 75c.; 5 lbs. $1.65, postpaid. 10 lbs. $2.70; 50 lbs. $12.50, not postpaid.

515. Country Gentleman or **Shoe-Peg.** (95 days.) The deep shoe-peg kernels are set irregularly instead of in rows and the quality is first class. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.55, postpaid. 10 lbs. $2.40; 50 lbs. $11.00, not postpaid.

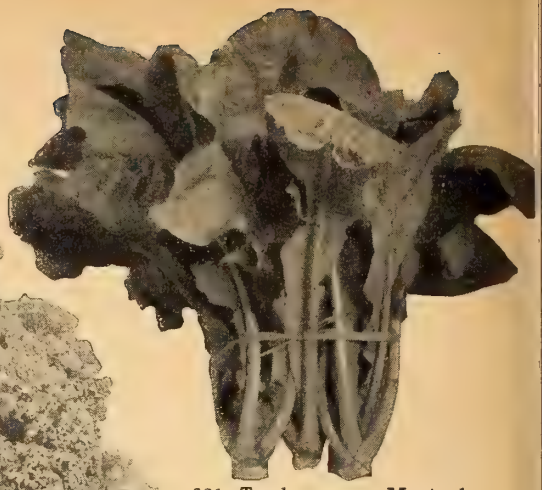
503D. Golden Country Gentleman. (95 days.) A very sweet variety of the Country Gentleman type. Pkt. 10c.; lb. 45c.; 2 lbs. 75c.; 5 lbs. $1.65, postpaid. 10 lbs. $2.70; 50 lbs. $12.50, not postpaid.

FOR VARIETY

The five top vegetables on this page are seldom grown in the average garden. Add variety to your table with these. Some will please you, others may not. It costs little to find out.

152. Extra-Large Leeks. Pkt. 10c.

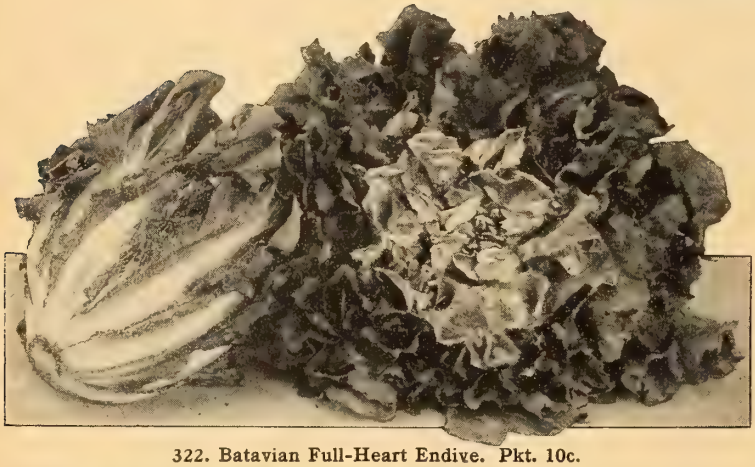
298. Blue Curled Scotch Kale. Pkt. 10c.



321. Tendergreen or Mustard Spinach. Pkt. 5c.

GARDEN TOOLS

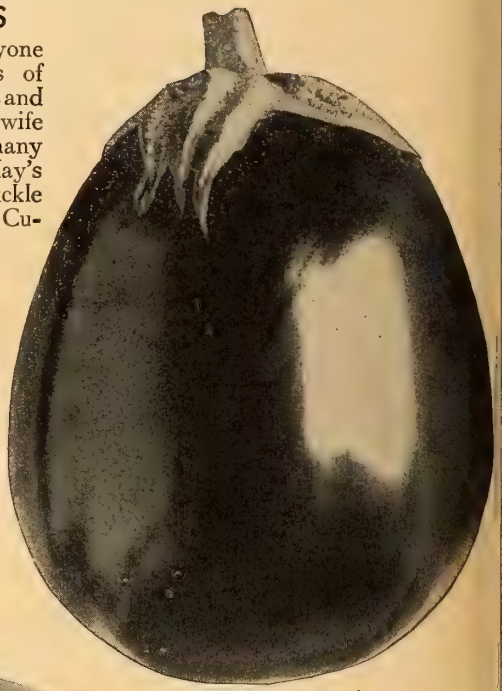
A Planet Jr. outfit will quickly pay for itself in better gardening and effort conserved. Look over the Planet Jr. line on page 60 of this catalogue for ideas on better, easier gardening.



322. Batavian Full-Heart Endive. Pkt. 10c.

HOME-MADE PICKLES

Most everyone likes Pickles of various kinds and any housewife can find many things in today's garden to pickle as well as Cucumbers.



174. Black Beauty Eggplant. Pkt. 10c.

FRESH CUCUMBERS

A sliced freshly picked Cucumber served on a dish of cracked ice is any epicure's delight.

A. & C. Cucumbers. Pkt. 10c.

SUGAR or SWEET CORN, continued

536. Golden Evergreen. (85 days.) A splendid variety to follow Golden Bantam with larger and better filled ears of golden kernels. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.55, postpaid.
10 lbs. $2.40; 50 lbs. $11.00, not postpaid.

535. Snow-White Evergreen. (90 days.) A purer white Stowell's Evergreen. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.55, postpaid.
10 lbs. $2.40; 50 lbs. $11.00, not postpaid.

518. Stowell's Evergreen. (95 days.) Our selected stock has been of the true deep strain and evergreen character. The ears are large and the white kernels are sweet and tender. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.55, postpaid.
10 lbs. $2.40; 50 lbs. $11.00, not postpaid.

Hybrid Sugar Corns

571. Alphagold Bantam. (64 days.) This early yellow hybrid shows good resistance to smut, produces well-filled 8 or 10-row ears, 7 inches long. Pkt. 10c.; lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.20, postpaid.
10 lbs. $3.70; 50 lbs. $17.50, not postpaid.

520. Golden Cross Bantam. (85 days.) "Best-in-Garden" variety. Maturing 4 to 5 days later than Golden Bantam this hybrid is resistant to wilt and is a heavy producer. Ears average 12 rows of golden yellow kernels. Pkt. 10c.; lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.20, postpaid.
10 lbs. $3.70; 50 lbs. $17.50, not postpaid.

534. Ioana. (85 days.) Bronze Medal, 1940 All-America Selections. It is resistant to both wilt and drought and bears 7½- to 8-inch light yellow ears. Pkt. 10c.; lb. 60c.; 2 lbs. $1.10; 5 lbs. $2.40, postpaid.
10 lbs. $4.20; 50 lbs. $20.00, not postpaid.

507. Hybrid Stowell's Evergreen. (98 days.) Bronze Medal, 1934 All-America Selections. Sturdy stalks bear slightly tapered ears with 16 to 18 rows of deep white kernels. Pkt. 10c.; lb. 60c.; 2 lbs. $1.15; 5 lbs. $2.65, postpaid.
10 lbs. $4.70; 50 lbs. $22.50, not postpaid.

510. Marcross. (72 days.) Ears 6 to 7½ inches, averaging 12 rows of light yellow, very sweet kernels. Pkt. 10c.; lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.20, postpaid.
10 lbs. $3.70; 50 lbs. $17.50, not postpaid.

POP-CORN

537. White Rice. (110 days.) Short ears with long, pointed translucent kernels which pop snow-white. Pkt. 10c.; lb. 35c., postpaid.

529. South American Yellow. (100 days.) Ears 7 inches long, with about 12 rows of yellow kernels that pop freely into large fluffy white Pop-corn. Pkt. 10c.; lb. 35c., postpaid.

CRESS

One ounce will sow 100 feet of row

The Cresses furnish warm, pungent flavor to salads and are useful for garnishing.

Culture. Water-Cress may be grown in moist ground but does best in shallow clear running water. Upland Cress should be sown thickly in shallow drills every 2 to 3 weeks in ordinary rich soil and should be cut often.

317. American Upland. (60 days.) A fine salad plant with about the same flavor as Water-Cress. Desirable because it grows in ordinary soil and is ready to pick in two months, or less. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

130. Water-Cress. This delicious salad plant is a true perennial and everyone with a shallow stream should have a bed of Cress. *Crop Failure.*

CUCUMBER

One ounce will plant 50 hills; two pounds, an acre

Prices include postage on pkts., ozs., ¼lbs., and lbs.

Culture. Cucumbers prefer rich, loamy, fairly moist soil and should not be planted until ground is warm. Plant in hills, dropping 6 to 8 seeds in each hill and covering with ½ inch of soil; thin to 3 or 4 strongest plants in each hill. Continue planting at intervals for succession. Cucumbers for pickles may be planted during June and early July. For an extra-early crop start seed in small pots in hotbeds.

284. A. and C. (68 days.) A leading market variety which makes a good appearance after shipping. Fruits are uniform, very dark green and taper slightly at ends. They average 2¼ inches through and up to 10 inches long. Vines are vigorous and disease-resistant. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

301. Arlington White Spine (Perfection). (60 days.) A standard early variety 8 inches long by 2½ inches thick. Pkt. 5c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

272. Bolgiano's Early Fortune. (65 days.) Growers delight in the uniformity of the fruits of this variety. They average 9 x 2½ inches, are dark in color, and quality is excellent. Being free from bitterness and exceedingly crisp it is ideal for slicing. Market people praise its unfading color. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

169. Bolgiano's Prosperity. (65 days.) An extra-early Cucumber with uniformly large, symmetrically formed fruit of intense deep green. Flesh is sparkling white. Vines are vigorous, mildew-proof and rarely produce a cull. Try this for an early crop. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

251. Gherkin or **Small Burr.** (60 days.) Small spiny fruits used when small for pickling. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

140. Imperator or **Clark's Special.** (65 days.) Very productive variety which holds its deep green color when shipped, appearing fresh when it reaches market. Quality is definitely superior. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

228. Jersey Pickling. (60 days.) A standard pickling variety with uniform slender fruits of medium green color. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

105. Longfellow. (70 days.) Long slender Cucumber which grows 12 to 14 inches but best picked when about 10 inches long and 2 inches in diameter. Fruits are smooth, dark green and look like a hot-house product. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

310. Long Green. (67 days.) A large, deep green, heavily warted variety with solid, crisp flesh. It often grows to 12 inches and is an ideal large pickle Cucumber. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

324. Stays Green or **Black Diamond.** (60 days.) Symmetrical fruits of dark green with nearly square ends. They are smooth, 7 to 8 inches long, and the flesh is white and crisp. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

264. Straight-8. (66 days.) Gold Medal, 1935 All-America Selections. This splendid Cucumber averages 8 inches in length by 1½ inches in diameter. Fruits are uniform in shape and of a rich, deep green color which is free from striping. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

156. Snow's Pickling. (56 days.) An early, small variety which pleases the bottlers of small pickles. Fruits are dark green, cylindrical and square ended. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

EGGPLANT

One ounce will produce at least 1000 plants; ¼lb. will sow an acre

Culture. Eggplant seed germinates slowly and should be started in a hotbed and planted out when plants are 2 inches high, provided both soil and air are warm; they will not stand chilling. Plants should be spaced 1½ to 2 feet apart in row.

174. Black Beauty. (110 days.) "Best-in-Garden" variety. Earliest and best of the large-fruited varieties. The 24 to 30-inch plants bear 4 to 6 perfect fruits of rich dark purple. Their rich color is retained for a long time. Pkt. 10c.; oz. 60c.; ¼lb. $1.90; lb. $7.00, postpaid.

109. Florida High-Bush. (120 days.) A thornless, hardy variety which is disease-resistant. The oblong purple fruits are good keepers and ship well. Pkt. 10c.; oz. 60c.; ¼lb. $1.90; lb. $7.00, postpaid.

166. Fort Myers Market. (120 days.) Tall plant which holds its fruit clear of the ground. Fruits are 9 to 10 inches long and 5 to 6 inches in diameter. True egg-shaped attractive fruit of glossy, purplish black. Pkt. 10c.; oz. 65c.; ¼lb. $2.00; lb. $7.50, postpaid.

ENDIVE

One ounce will sow 150 feet of row; 3 pounds, an acre

Endive furnishes vitamins A and C and a fair amount of iron.

Culture. As Endive is usually used for fall and winter salads the seed should be sown in rows during June and July and thinned out to stand 1 foot apart in the row. When nearly grown tie the outer leaves together to blanch the hearts. For an early crop the seed should be sown about April 15.

322. Batavian Full-Heart. (90 days.) An earlier and improved strain with larger leaves and broader, thicker heads requiring very little blanching. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. $1.50, postpaid.

302. Green Curled. (95 days.) A self-blanching variety. Curly, dark green leaves which are finely cut give the plant a feathery appearance. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. $1.50, postpaid.

185. White Curled. (100 days.) Plants grow 1 foot in diameter with finely curled leaves. The broad ribs are slightly tinged with rose and the heart is creamy white. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. $1.75, postpaid.

KALE or BORECOLE

One ounce will sow 200 feet of row; 4 pounds, an acre

Kale is a vitamin and mineral special, providing vitamins A, C and B_1, and riboflavin, calcium and iron, the first two vitamins in top quantities.

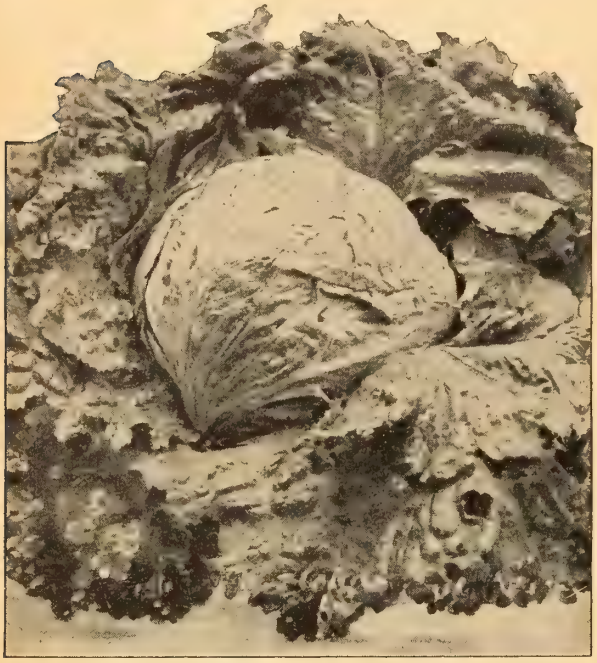
Culture. This hardy vegetable furnishes splendid "greens" for winter and spring use, the quality being improved by some frost. Sow seed ½ inch deep in rows from May to September. If large plants are wanted, thin to stand 1½ to 2 feet apart in row.

298. Dwarf Blue Curled Scotch or **Curled Beauty.** (55 days.) Beautiful dwarf plants which lie flat on the ground forming a double-deck; withstands frost and seldom winter-kills where temperatures do not go below zero. The heavily curled leaves are a distinct blue-green color, attractive and of high quality. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. $1.50, postpaid.

325. Dwarf Green Curled Scotch or **Norfolk.** (55 days.) Similar to Dwarf Blue except that this is a medium green color and like Dwarf Blue a heavy producer of beautifully curled leaves. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. $1.50, postpaid.

328. Bolgiano's Masterpiece Lettuce. Pkt. 10c.

288. Big Boston Lettuce. Pkt. 5c.



129. Imperial 847 Lettuce. Pkt. 10c.

BETTER LETTUCE

With well-fertilized soil, kept cultivated and watered during dry times, the home gardener can grow better, tastier Lettuce than any bought in market after a 3000-mile journey.

Whether you want flavorsome green leaves of the loose varieties or the hard white blanched heads of the Iceberg type, your garden can produce them.

277. Hale's Best Cantaloupe. Pkt. 10c.

131. Early White Vienna Kohlrabi. Pkt. 10c.

184. Paris White Cos Lettuce. Pkt. 10c.

ALL PRICES SUBJECT TO CHANGE

295. Long John Cantaloupe. Pkt. 10c.

KALE or BORECOLE, continued

286. Imperial Curly Long Standing. (55 days.) "Best-in-Garden" variety. A beautifully curled and crimped sort of strong vigorous habit; perfectly hardy; dark green in color, and very attractive in appearance. It will stand longer without shooting to seed than any other variety. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

159. Siberian Curled. (65 days.) Large, very spreading, hardy and vigorous plant. Big plume-like leaves, thick in texture, curled at edges; deep green in color. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.25, postpaid.

186. Tall Green Curled Scotch. (60 days.) A dependably hardy Kale growing 2 feet high with abundant dark green, very curly leaves. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. $1.75, postpaid.

KOHLRABI

One ounce sows 200 feet of drill; 4 pounds, an acre

CULTURE. Sow as early in spring as possible, in rows, thinning out to stand 6 inches apart in the row. For a succession sow every two weeks until hot weather. Sow in late July for a fall crop. The bulbs should be used when young and not over 2½ inches through; large bulbs will be woody.

131. Early White Vienna. (55 days.) Picked when young and tender and properly prepared for the table, this vegetable is a splendid food with a flavor resembling both cauliflower and turnip. Easy to grow and requiring no more care than cabbage, it is one of those "different" things everyone should try. Pkt. 10c.; oz. 50c.; ¼lb. $1.50; lb. $4.50, postpaid.

LEEK

One ounce will sow 100 to 200 feet of row; 4 pounds, an acre

CULTURE. Leeks prefer light soil and should be sown in early April, in rows, covering the seed ½ inch deep. After the plants are thinned, or transplanted, to stand 6 inches apart in the row, more soil should be pulled over the roots, blanching them. If earthed up like celery the Leeks will be very white and tender. A crop may be sown in August or September for early spring transplanting.

152. Extra Large. (120 days.) Hardy, productive and of the best quality. Pkt. 10c.; oz. 50c.; ¼lb. $1.75, postpaid.

201. Evergreen. (120 days.) Stems thick, dark green in color. Pkt. 10c.; oz. 50c.; ¼lb. $1.75, postpaid.

LETTUCE

One ounce will sow 300 feet of row; 3 pounds, an acre

Lettuce is an excellent source of vitamin A and furnishes a goodly quantity of vitamin C.

CULTURE. Sow seed in rows as soon as the ground can be worked. Cover the seed ½ inch deep and press soil down firmly, or it may be sown in a hotbed in February or March, transplanting to a sheltered position for an early crop. Thin plants to 8 inches apart for good head Lettuce or have plants close together for loose-leaf Lettuce. Lettuce does best during cool, moist weather.

Heading Varieties

288. Big Boston. *Special Stock.* (75 days.) A real all-season Lettuce of the Butterhead type, succeeding in frames for spring and outdoors for summer and fall. Handsome large heads with outer leaves tinged with bronze at edges and blanched hearts of rich buttery yellow; crisp, tender and sweet. Pkt. 5c.; oz. 25c.; ¼lb. 55c.; lb. $1.75, postpaid.

328. Bolgiano's Masterpiece. (75 days.) "Best-in-Garden" variety. A great Lettuce for late spring, summer, and early fall. No matter how hot the weather or how long it remains in the garden it will keep crisp, tender and sweet and will not go to seed quickly. It is a sure header and stands shipping well. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; lb. $3.15, postpaid.

144. Bolgiano's Black-seeded Summer. (70 days.) A perfect heading outdoor Lettuce especially desirable during our hot, dry summers because of its tenderness and pleasant flavor. It has also forced well under glass and is a splendid member of the Butterhead family. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.75, postpaid.

214. Early May King. (60 days.) A quick-growing Butterhead sort for earliest outdoor planting and greenhouse forcing. Outdoor plantings quickly make 6 to 7-inch heads with broad outer leaves folding closely around the solid center. In cool weather the outer leaves have a brownish tinge. The heart blanches to rich golden yellow and has a fine rich buttery flavor. We recommend planting in spring and again during August and September for fall crops. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. $2.00, postpaid.

146. Golden Queen. (55 days.) An extra-early heading Lettuce. Medium size with solid heads having crisp and tender golden yellow hearts. Pkt. 10c.; oz. 30c.; ¼lb. 85c.; lb. $3.00, postpaid.

247. Great Lakes. (82 days.) All-America Winner in 1943. Iceberg type, resistant to tip burn. Outstanding for home gardeners and used extensively in the East by truck gardeners. Pkt. 10c.; oz. 50c.; ¼lb. $1.75; lb. $5.00, postpaid.

101. Hanson. (80 days.) A sure-heading old favorite Crisp-head. The yellowish green heads are tender and sweet and without any bitter taste. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. $2.00, postpaid.

268. Iceberg. (82 days.) A popular hard-headed Lettuce adapted for either spring or summer use. The wavy, light green, outer leaves are tinged reddish brown at edges and the hearts are unusually white, crisp and sweet. Pkt. 10c.; oz. 30c.; ¼lb. 75c.; lb. $2.50, postpaid.

129. Imperial 847. (83 days.) A New York-type Lettuce especially adapted for eastern and southern use. Heads are medium large and of great solidity, standing hot weather well. Resistant to brown blight. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; lb. $3.15, postpaid.

145. Improved Salamander. (70 days.) A good Butterhead with a medium-sized head having a buttery interior of excellent quality. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.75, postpaid.

164. New York 12. (77 days.) Immense heads with the leaves closely folded. Inner portion blanches readily and is always crisp and tender. Pkt. 10c.; oz. 30c.; ¼lb. 85c.; lb. $3.00, postpaid.

120. Unrivalled or **White Boston.** (76 days.) An outstanding Lettuce with a light green head and buttery yellow heart. Resembles Big Boston in appearance and size of head. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. $2.00, postpaid.

Loosehead or Cutting Varieties

187. Black-seeded Simpson. (45 days.) The frilled and crumpled leaves of light yellowish green are crisp and tender. An attractive early cutting variety. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.75, postpaid.

318. Early Curled Simpson or **Silesia.** (45 days.) Compact plants with broad, frilled, lustrous bright green leaves. Popular with home gardeners. Pkt. 5c.; oz. 25c.; ¼lb. 55c.; lb. $1.75, postpaid.

195. Grand Rapids. (43 days.) A valuable early variety with broad, wavy, light green leaves. Very tender and sweet. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.75, postpaid.

149. Slobolt. Upright clusters of heavily frilled, light green leaves. Very attractive. Stands well without going to seed. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; lb. $3.15, postpaid.

Cos or Romaine Lettuce

240. Dark Green. (66 days.) Compact, 12-inch upright heads which are self-folding and resist heat well. Leaves are very dark and slightly rumpled. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.75, postpaid.

184. Paris White or **Trianon.** (66 days.) Heads are 8 to 10 inches tall, the outer leaves medium light green, the interior greenish white. A splendid summer salad having a refreshing sweet flavor. Pkt. 10c.; oz. 25c.; ¼lb. 55c.; lb. $1.75, postpaid.

MUSKMELON OR CANTALOUPE

One ounce will plant 50 hills; 2 to 3 pounds, an acre

CULTURE. Melons thrive in rich light soil. Plant in hills 4 to 6 feet each way in early May, placing a forkful of old manure under each hill and 10 to 12 seeds in each hill, thinning out to 3 plants to the hill when the plants are well established. Pinching off ends of vines when they are a foot long will increase production. For an early crop start seeds in small boxes in a hotbed.

Green-fleshed Varieties

106. Bolgiano's Baltimore Nutmeg. (75 days.) A large, green-fleshed Cantaloupe as sweet as sugar. Pkt. 10c.; oz. 20c.; ¼lb. 55c.; lb. $1.75, postpaid.

123. Bottomley or **Anne Arundel.** (84 days.) An oblong, ribbed, heavily netted melon with solid thick green flesh. The flavor is delicious. Vines are quite disease-resistant. Pkt. 10c.; oz. 25c.; ¼lb. 70c.; lb. $2.25, postpaid.

210. Honey Dew. (110 days.) Round, greenish white, smooth melons with thick green flesh having a distinct flavor of its own. Not good until dead ripe. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

295. Long John. (85 days.) "Best-in-Garden" variety. This great Cantaloupe comes from Anne Arundel County, Maryland, the home of fine Cantaloupes. The deeply netted and ribbed melons average 8 to 10 inches long so that it does not take many to fill a basket. The thick green flesh is really delicious. Pkt. 10c.; oz. 30c.; ¼lb. 80c.; lb. $2.75, postpaid.

193. Knight or **New Maryland.** (82 days.) The heavily netted, ribbed fruits of golden yellow weigh about 2 pounds each. Its juicy green flesh shades to pink at center. Vines are free from blight. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

198. Rocky Ford or **Netted Gem.** (85 days.) Known everywhere for its finely flavored, deep meaty green flesh. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

327. Rocky Ford, Jr. (80 days.) Earlier and more productive than its parent, it resists both rust and blight. The healthy vines produce heavy crops of fine shipping melons. Closely netted skin covers thick green, very sweet flesh. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. $2.50, postpaid.

271. Sweet Air. (82 days.) "Best-in-Garden" early variety. Thick green flesh with small cavities, delicious sweet flavor, perfectly tender; it fairly melts in your mouth. Vigorous grower; vines keep green and produce big crops of beautiful netted melons. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

183. White Silverskin Onions. Pkt. 10c.

224. Prizetaker Onions. Pkt. 10c.

ONIONS

By planting seed the gardener can have variety, from the tiny pickling Onions up to mammoth, mild, sweet Spanish Onions. Onions pay large dividends on the small space occupied.

138. Yellow Globe Danvers Onion. Pkt. 10c.

289. Improved Long Green Okra. Pkt. 5c.

332. Hollow Crown Sugar Parsnips. Pkt. 5c.

263. Dixie Queen Watermelon. Pkt. 10c.

319. Market Gardeners' Best Triple Curled Parsley. Pkt. 10c.

MUSKMELON, continued

Salmon-fleshed Varieties

230. Bolgiano's Unsurpassed. (90 days.) Good to look at, good to eat—this highly flavored melon is excellent for shipping or local marketing. The vigorous-growing fruit is deep orange around the cavity, shading to green at the rind; heavily netted; 4½ to 5½ inches in diameter; weight from 1½ to 2 pounds. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. $2.50, postpaid.

277. Hale's Best, No. 36. (82 days.) Attractive melons with heavy netting and inconspicuous ribs. Exceptionally thick, deep salmon flesh of fine sweet flavor. A very small seed-cavity. Pkt. 10c.; oz. 20c.; ¼lb. 55c.; lb. $1.75, postpaid.

220. Hale's Best Jumbo Strain. (85 days.) Large oval fruits weighing 5 to 6 pounds; ribbing somewhat prominent, heavily netted. Flesh thick, salmon-orange, sweet and of excellent quality. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. $2.00, postpaid.

218. Hearts of Gold. (90 days.) Nearly round fruits averaging 3 pounds each, distinctly ribbed and covered with fine gray netting. The deep salmon flesh is very thick, sweet, juicy and fragrant. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $2.00, postpaid.

132. Pollock 10-25. (90 days.) A salmon Rocky Ford with heavily netted skin. The salmon-tinted flesh is deep, leaving little seed-cavity. Delicious sweet flavor. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

162. Pride of Wisconsin. (90 days.) A delicious melon for the home-garden and near-by markets. Its fruits are oval, weigh about 3¾ pounds, and the coarsely netted rind is pearly gray. The thick orange flesh is solid, very sweet. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. $2.50, postpaid.

WATERMELON

One ounce will plant 30 hills;
4 pounds, an acre
Prices include postage on pkts., ozs., ¼lbs., and lbs.

CULTURE. Same as muskmelon except that they should be planted 8 to 10 feet apart each way.

263. Dixie Queen. (85 days.) "Best-in-Garden" variety. This Southern favorite is a medium-sized, oval-round melon attractively striped dark green on light green with thin but tough rind. The flesh is sparkling red, firm, juicy and sweet. White seeds. Melons average 30 pounds and ship well. Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. $2.25, postpaid.

211. Florida Giant or **Cannonball.** (90 days.) Vigorous, very productive vines with nearly round, dark green fruits averaging 40 pounds each. The flesh is red, firm and of excellent quality. Seed mottled dark brown. It ships well. Pkt. 10c.; oz. 30c.; ¼lb. $1.00; lb. $3.00, postpaid.

175. Georgia Rattlesnake. (90 days.) Elongated gray-green fruits with very dark green stripes. Deep scarlet flesh of unsurpassed flavor. Seeds are white with black tips. Pkt. 10c.; oz. 20c.; ¼lb. 50c.; lb. $1.50, postpaid.

115. Hawkesbury. (85 days.) A wilt-resistant melon from Australia. The oblong fruits are light gray with fine green veining. Flesh dark pink, of good quality. Brownish black seeds. Rind is tough, making it a safe shipper. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

306. Improved Florida Favorite. (85 days.) Green skin with irregular dark green stripes. Bright red flesh of extra sweetness. White seed. A good shipper. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

136. Irish Grey. (90 days.) Long, oval, light gray fruits with bright red flesh, crisp and sweet. White seed. Tough, hard rind insures its shipping qualities. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

285. Stone Mountain. (90 days.) A high-quality shipping melon liked by home gardeners. Fruits are oval-round and very large. Thin but tough rind of medium green with indistinct veining. Flesh is rich scarlet, fine-grained and very sweet. Seed white with black edges. On good melon ground they weigh from 30 to 40 pounds each. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $1.75, postpaid.

320. Tom Watson. (90 days.) The melon of every market and every man's garden. The attractive fruits are long cylinders of dark green with deep red, firm, crisp flesh of good flavor. Brown seed. A splendid keeper. Pkt. 5c.; oz. 15c.; ¼lb. 45c.; lb. $1.25, postpaid.

313. Wondermelon or **Kleckley Sweet Improved.** (85 days.) This improved strain has the same delicious sweet red flesh of the old favorite Kleckley's Sweet. The rind is rather thin but reasonably tough, insuring carrying for short hauls. Large, dark green, oblong fruits averaging 30 to 40 pounds. White seed. Pkt. 5c.; oz. 15c.; ¼lb. 45c.; lb. $1.25, postpaid.

116. Preserving Citron. (95 days.) Medium size, uniformly round, used only for preserves or pickles. Color dark green, distinctly striped and marbled with light green. Flesh white and solid, but not at all suitable for eating raw. Seed red. Pkt. 10c.; oz. 15c.; ¼lb. 45c.; lb. $1.25, postpaid.

MUSHROOM SPAWN

Mushrooms have been grown with success in cellars, under benches, in barns or wherever the temperature of 50 degrees can be kept up through the winter. Location should not be too damp or subject to sudden changes in temperature. No direct sunlight should fall on the bed. Fresh horse-manure is the best medium for Mushroom culture.

Pure Culture Spawn. This Spawn is grown in bottles, and after maturity, the glass is removed and the cylindrical cakes are dried. Each unit, or cake, will plant 50 square feet of mushroom bed surface. Price per unit, $1.00.

MUSTARD

One ounce will sow 100 feet of row;
3 pounds broadcast, an acre, or 1 to 2 pounds if drilled in rows

Mustard "greens" are tasty and highly nutritious, being an excellent source of vitamins A and C and supplying both calcium and iron.

CULTURE. Sow in February, March or April for spring use and in August and September for fall use. Sow in rows and thin to stand 6 inches apart. The "greens" are best if soil is rich and kept well watered.

170. Chinese. (45 days.) Large, broad, smooth leaves of sweet, pungent flavor. A heavy producer of leaves which are delicious when boiled like spinach. Pkt. 5c.; oz. 15c.; ¼lb. 30c.; lb. 85c., postpaid.

303. Fordhook Fancy. (40 days.) A vigorous heavy yielder of dark green, plume-like leaves of mild flavor. Pkt. 5c.; oz. 20c.; ¼lb. 35c.; lb. $1.00, postpaid.

265. Southern Giant Curled. (35 days.) A popular Mustard in the South. Plants are strong-growing and produce long, wide, yellowish light green leaves, heavily crumpled and curled at edges. Excellent flavor. Can be planted in fall for early spring salad. Pkt. 5c.; oz. 15c.; ¼lb. 30c.; lb. 85c., postpaid.

215. White Seed. (40 days.) Named for its light yellow seed. The young leaves are mild and tender, making a fine salad vegetable. Pkt. 5c.; oz. 20c.; ¼lb. 35c.; lb. $1.00, postpaid.

321. Tendergreen or **Mustard Spinach.** (45 days.) Described on page 23. Pkt. 5c.; oz. 15c.; ¼lb. 30c.; lb. 85c., postpaid.

OKRA

One ounce will sow 50 feet of row;
8 pounds, an acre
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Okra provides vitamins A and C in helpful quantities and its green pods are popular in the South when used in soups, stews, etc.

CULTURE. Okra seed requires warm ground to germinate and should not be planted before mid-May in this section. Sow 1 inch deep in rows, in rich ground. Thin to stand 15 to 18 inches apart in the row.

314. Dwarf Green Prolific. (50 days.) A very early variety with dwarf, compact plants which are free producers of short, rich green, meaty pods of fine flavor and quality. Pods dry readily for winter. Pkt 5c.; oz. 15c.; ¼lb. 40c.; lb. $1.25, postpaid.

289. Improved Long Green. (60 days.) Handsome plants of medium height bear long pods which remain tender a long time and are free from hard ridges. Pkt. 5c.; oz. 15c.; ¼lb. 40c.; lb. $1.25, postpaid.

189. Perkins' Mammoth Long-Podded. (56 days.) The entire plant is covered with pods from top to within 3 inches from ground. These slim, intensely green pods are from 7 to 8 inches long and retain their tenderness. Pkt. 5c.; oz. 15c.; ¼lb. 40c.; lb. $1.25, postpaid.

ONIONS

One ounce will sow 100 feet of row;
5 pounds, an acre
Prices include postage on pkts., ozs., ¼lbs., and lbs.

CULTURE. For sets sow the seed as early as possible in the spring, very thickly in drills. As soon as the tops die off in summer, remove them to a dry, airy place, and early in the following spring replant by placing the sets in shallow drills, 12 inches apart, and about 4 inches apart in the drills. The Onions obtained by this process are of a large size early in the season. May also be grown to full size during the first season by sowing thinly in drills 1 foot apart and about ¼ inch deep in March or early in April, in strong land, well manured, and thinning them out to 3 to 4 inches apart in drills. They thrive in a strong, rich, deep, loamy soil. By sowing Onion seed in frames in February and March, and transplanting in April, Onions of immense size can be obtained.

202. Danvers Flat Yellow. (110 days.) Hardy; brownish yellow. Splendid winter keeper. Pkt. 10c.; oz. 60c.; ¼lb. $1.35; lb. $4.00, postpaid.

206. Large Red Wethersfield. (100 days.) An early-maturing Onion with large, flattened, thick bulbs, the skin purplish red, the solid flesh purplish white. A heavy producer in poor soils. Pkt. 10c.; oz. 60c.; ¼lb. $1.35; lb. $4.00, postpaid.

224. Prizetaker. (100 days.) A mammoth Yellow Globe derived from the huge Spanish Onion. It can be grown to full size from seed. Mild flavor. Pkt. 10c.; oz. 70c.; ¼lb. $1.75; lb. $5.00, postpaid.

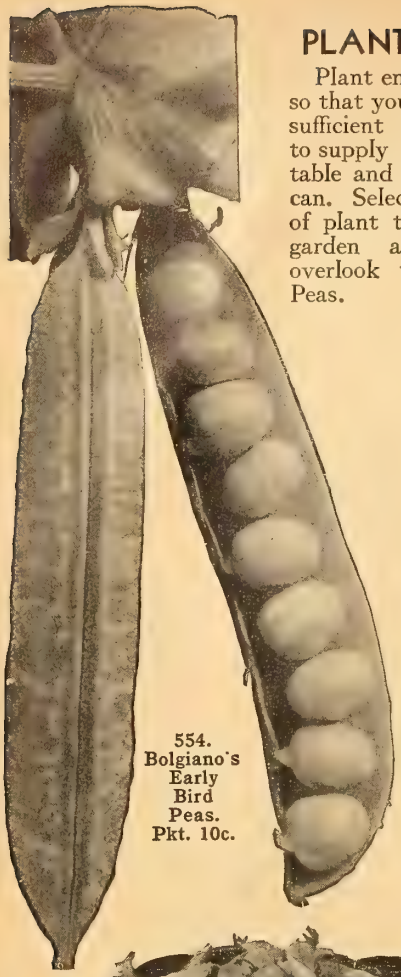
225. Southport White Globe. (110 days.) Of true globe form, the Onions are 2 to 2½ inches in diameter, with a thin, delicate skin of purest paper whiteness. The flesh is crisp, fine-grained, snowy white in color and very mild flavor. Pkt. 10c.; oz. 70c.; ¼lb. $1.75; lb. $5.00, postpaid.

231. Sweet Spanish or **Valencia.** (110 days.) Similar to Prizetaker, but larger. Globular, with golden yellow skin; flesh white, mild and very sweet. Desirable for shipping and for storage. Pkt. 10c.; oz. 70c.; ¼lb. $1.75; lb. $5.00, postpaid.

107. White Portugal. (100 days.) An all-purpose, mild White Onion, used for sets, pickling, green bunching and storage. Pkt. 10c.; oz. 70c.; ¼lb. $1.75; lb. $5.00, postpaid.

PLANT PEAS

Plant enough Peas so that you will have sufficient fresh ones to supply the family table and plenty to can. Select the type of plant to fit your garden and don't overlook the Sugar Peas.



554. Bolgiano's Early Bird Peas. Pkt. 10c.

555. Extra-Early Thomas Laxton Peas. Pkt. 10c.

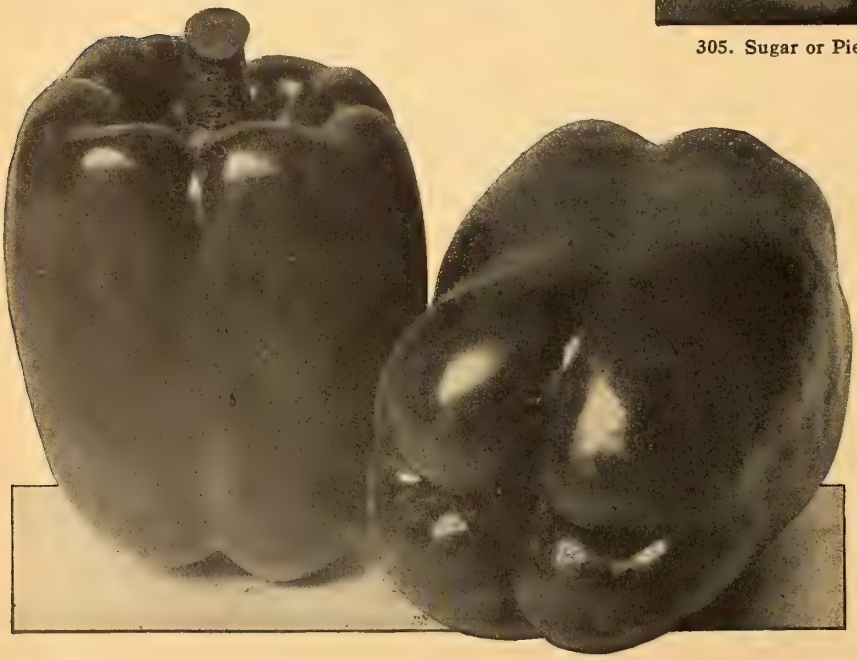
566. Ameer or Long-podded Alaska Peas. Pkt. 10c.

531. Dwarf Gray Sugar Peas. Pkt. 10c.

305. Sugar or Pie Pumpkin. Pkt. 5c.

INOCULATE ALL LEGUMES WITH NITRAGIN The Original Legume Inoculator

See page 74



316. California Wonder Peppers. Pkt. 10c.

DO YOU KNOW PEPPERS?

There are several types of Peppers so be careful in selecting. Most families will want the large sweet kinds for stuffing, frying and mixed pickles, while the small hot types will find plenty of uses. Read the descriptions carefully.

203. Victoria Rhubarb. Pkt. 10c.

ONIONS, continued

183. White Silverskin. (100 days.) "Best-in-Garden" variety. This famous Onion retains its great popularity. Its delicate and mild flavor, its shapely form and size, and its pure color make it a most desirable variety for the table, for the market and for shipping. Onion sets are extensively grown from this sort, and from these sets full-size Onions are grown as early as June and July. The Onion sets and large Onions are used for pickling purposes because of their clean, silvery white color. Pkt. 10c.; oz. 70c.; ¼lb. $1.75; lb. $5.00, postpaid.

138. Yellow Globe Danvers. (110 days.) An oval-shaped, straw-colored Onion which is a splendid keeper. Flesh white, crisp and mild. Pkt. 10c.; oz. 60c.; ¼lb. $1.35; lb. $4.00, postpaid.

ONION SETS

Onion Sets by Mail

We will send by mail postpaid either Yellow or White Onion Sets at ½lb. (about 1 pt.) 35c.; 1 lb. (about 1 qt.) 50c., safely packed.

We Supply Onion Sets in Any Quantity up to Carloads.

White Silverskin **Yellow Danvers**

Write for latest prices. Prices subject to market changes.

PARSLEY

One ounce will sow 200 feet of row; 3 to 4 pounds, an acre.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

CULTURE. Parsley needs a mellow, rich soil and the seed is slow to germinate. A good plan is to soak the seed a few hours in warm water and then plant ½ inch deep and thin plants to stand 8 to 10 inches apart. If the leaves of curly varieties are all cut off when they are 3 inches tall, growth will be better. Liberal cutting of Parsley improves quality. For winter use move plants to a coldframe or light cellar, or a supply can be potted in 6-inch flower-pots and grown in a kitchen window.

194. Emerald or **Extra Curled Dwarf.** (70 days.) The beautifully curled bright green leaves are very tender. Long stems make it easy to bunch for market. An attractive garnish variety. Pkt. 5c.; oz. 15c.; ¼lb. 40c.; lb. $1.25, postpaid.

319. Market Gardeners' Best Triple Curled. (70 days.) "Best-in-Garden" variety. Robust, free-growing plants which are improved by severe cutting. The large, dark green leaves are beautifully curled. Plants stand heat and cold better than most varieties. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. $1.25, postpaid.

126. Plain or **Single.** (70 days.) The very dark green leaves are flat, deeply cut but not curled and are principally used for flavoring soups and stews, as the flavor is strong. Can be dried and bottled for winter use. Pkt. 5c.; oz. 15c.; ¼lb. 45c.; lb. $1.50, postpaid.

PARSNIP

One ounce will sow 200 feet of row; 3 to 4 pounds, an acre.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

CULTURE. Parsnips prefer a rich deep sandy loam. Avoid stony ground and new manure. Sow as early as possible in rows, covering ½ inch deep, and press soil down firmly. Thin to stand 5 inches apart in row. Leaving the roots in ground over winter improves the flavor.

332. Hollow Crown or **Improved Sugar.** (100 days.) The standard Parsnip everywhere. Long smooth roots with hollow-crowned, broad shoulders make it easy to dig. Flesh is tender and of excellent flavor. Pkt. 5c.; oz. 20c.; ¼lb. 45c.; lb. $1.25, postpaid.

PEAS

One to two pounds will plant 100 feet of row; 120 pounds, an acre.
Prices include postage on pkts., lb., 2 lbs., and 5 lbs.

WRINKLED VARIETIES. **14-lb. and 56-lb. lots, not postpaid.**
SMOOTH or SEMI-WRINKLED VARIETIES. **15-lb. and 60-lb. lots not postpaid.**

Peas are not only delicious food but they contain iron and vitamins A, C and B_1. Every garden needs lots of Peas.

CULTURE. Peas mature earliest in light, rich soil. For general crop use a rich, deep loam or one inclining to clay. When grown in garden sow in double rows 6 to 8 inches apart; the rows 2 to 4 feet apart. Commence sowing the extra-early varieties as early as the ground can be worked in February or March; plant for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing extra-early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small, round sort and if planted early should have a dry soil or they are liable to rot in the ground. They are, however, the sweetest and best-flavored varieties. The dwarf varieties are best suited for small gardens.

Extra-Early Dwarf Varieties

561. American Wonder. *Wrinkled.* (60 days.) The 12-inch vines are very productive. Pods contain 5 to 8 tender sweet Peas. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.50; 56 lbs. $9.00, not postpaid.

554. Bolgiano's Early Bird. *Semi-wrinkled.* (60 days.) "Best-in-Garden" variety. This wonderful semi-wrinkled dwarf variety can be planted as soon as the ground can be worked as they do not rot in the ground like fully wrinkled Peas. The dwarf, vigorous vines measure 18 inches and carry enormous crops of large, beautiful, deep green pods, 4 to 5 inches long, filled with 8 or 9 large Marrow Peas of fine flavor. Bolgiano's Early Bird is a profitable variety for the market gardener. For the home gardener it is unsurpassed. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
15 lbs. $2.70; 60 lbs. $10.25, not postpaid.

556. Laxtonian. *Wrinkled.* (62 days.) The 18-inch vines have dark green foliage and bear dark green pods about 4 inches long, containing 7 or 8 succulent Peas. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.70; 56 lbs. $9.50, not postpaid.

558. Laxton's Progress. *Wrinkled.* (60 days.) The 18-inch vines are very prolific, bearing large pods containing 7 to 9 large Peas of good quality. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.70; 56 lbs. $9.50, not postpaid.

562. Little Marvel. *Wrinkled.* (62 days.) The stocky, dwarf vines, about 18 inches tall, are generous producers of nearly round, square-end pods holding 7 or 8 large, deep green Peas. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.70; 56 lbs. $9.50, not postpaid.

559. Nott's Excelsior. *Wrinkled.* (60 days.) Very similar to American Wonder, which see. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.50; 56 lbs. $9.00, not postpaid.

560. Premium Gem. *Wrinkled.* (62 days.) The 18-inch plants bear plump pods containing 6 or 7 Peas of fine quality. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.50; 56 lbs. $9.00, not postpaid.

PLANET JR. SEEDERS

For best results sow your vegetable seed accurately with a Planet Jr. Seeder. It saves time. It saves work. It saves seed.

Extra-Early Tall Varieties

564. Alaska. *Smooth.* (55 days.) The 2½-foot wilt-resistant plants mature all at once, a heavy crop of dark green pods which contain 6 to 8 Peas of good quality. Pkt. 10c.; lb. 30c.; 2 lbs. 55c.; 5 lbs. $1.15, postpaid.
15 lbs. $2.40; 60 lbs. $8.50, not postpaid.

566. Ameer or **Long-podded Alaska.** *Smooth.* (60 days.) Vigorous vines to 3 feet tall bear heavy crops very early. The large pods contain 7 or 8 Peas of fine eating quality. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
15 lbs. $2.70; 60 lbs. $9.50, not postpaid.

563. First and Best. *Smooth.* (58 days.) An extra-early Pea of very fine flavor. Vines grow 2 to 2½ feet tall. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
15 lbs. $2.50; 60 lbs. $9.00, not postpaid.

565. Gradus or **Prosperity.** *Wrinkled.* (58 days.) The robust plants grow 3 feet tall with pods containing 6 to 8 immense Peas which remain sweet and tender a long time after they are ready to pick. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.70; 56 lbs. $9.50, not postpaid.

555. Thomas Laxton. *Wrinkled.* (57 days.) Vines quickly grow 3½ feet tall and bear 3½ to 4-inch pods shelling large tender Peas of unexcelled flavor. Its extra earliness makes this popular for market and canning, while at home it is a garden necessity. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.70; 56 lbs. $9.50, not postpaid.

General Crop Variety

557. Telephone. *Wrinkled.* (72 days.) A dependable variety growing about 4 feet tall and bearing 5-inch pods containing 8 to 10 Peas of fine flavor. Pkt. 10c.; lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.35, postpaid.
14 lbs. $2.50; 56 lbs. $9.00, not postpaid.

Edible-Podded or Sugar Peas

531. Dwarf Gray Sugar. (75 days.) Grows to height of 2½ to 3 feet; bears a profusion of medium broad pods. Should be used in much the same way as Wax beans. Pods, when cooked, are very sweet and tender. Pkt. 10c.; lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.40, postpaid.
15 lbs. $3.00; 60 lbs. $10.80, not postpaid.

PEANUTS

Peanuts grow on any soil, but are more easily harvested on light soils. Plant 35 pounds of shelled nuts or 50 pounds unshelled nuts to acre. Inoculate with Nitragin E. Peanuts require lime, phosphate and potash. Use Gold Tag 2-8-10 Fertilizer, 200 to 400 pounds per acre.

Virginia Jumbo or **Virginia Runner.** The heaviest-yielding large Peanut. A good variety for light sandy soil where they produce enormous bright, attractive nuts, with few pops.
Lb. 25c., not postpaid.

PEPPERS

One ounce will produce about 1200 plants. Prices include postage on pkts., ozs., ¼lbs., and lbs.

Peppers furnish both A and C vitamins, being especially high in vitamin C. Pepper types vary as do their uses. Housewives find all types important in adding variety to the diet.

CULTURE. Sow in hotbeds in March or April or outdoors in a sheltered position in May. Transplant to 18 inches apart in rows in mellow, rich ground.

108. Bell or **Bull Nose.** (110 days.) Medium-sized fruit, mild except ribs which are pungent. A dependable early. Pkt. 10c.; oz. 45c.; ¼lb. $1.25; lb. $4.50, postpaid.

FOR A GOLDEN HARVEST

Be Sure to Use Bolgiano's

GOLD TAG FERTILIZER

SCIENTIFICALLY BALANCED FORMULAS PRODUCE INCREASED CROP YIELDS

NOT ONLY SCIENTIFICALLY PERFECT, BUT WILL NOT CLOG THE MOST DELICATE MACHINERY

GOLD TAG FERTILIZERS are the result of years of experience and study. Each formula is a complete and scientifically balanced plant food that assures sturdy plant growth. Our special machinery will thoroughly mix and grade to size every pound that is sold. All strings and every kind of foreign matter are carefully removed so that Gold Tag Fertilizers will flow easily through your drill and will not clog the most delicate machinery. Be sure to use Gold Tag Fertilizer on your crops this year. It has won many fast friends. You will be glad you used it when you see the results. We recommend the following formulas:

Gold Tag 5-10-5

Prepared especially for the truck farmer and home gardeners. It will grow the finest vegetables, and is very desirable for truck crops. Contains 5% Nitrogen, 10% Phosphoric Acid, 5% Potash.

Gold Tag 3-12-6

Is a splendid analysis for grains of all types. Contains 3% Nitrogen, 12% Phosphoric Acid, 6% Potash.

Gold Tag 7-7-7

For tobacco plant beds. It will produce just the type of sturdy plants needed to give you the proper start for your field crops. Contains 7% Nitrogen, 7% Phosphoric Acid, 7% Sulphate of Potash.

Gold Tag 4-8-12

Has been designed especially for tobacco crops. Produces the maximum of bright, high-priced leaf. The potash content is from sulphate of potash. Contains 4% Nitrogen, 8% Phosphoric Acid, 12% Potash.

Gold Tag Bone Meal

Contains Nitrogen and Phosphoric Acid. We recommend this especially for lawns, gardens and outdoor plants, or any other place where a high-class fertilizer counts. Apply 800 to 1000 pounds per acre.

Gold Tag Raw Bone

Contains 3.7% Nitrogen, 20.5% Phosphoric Acid. Recommended for use the same as Bone Meal when slower action is wanted. It is also higher in nitrogen.

Gold Tag Tankage

High-grade nitrogenous Tankage containing 8% Nitrogen. A quick-acting organic fertilizer.

Gold Tag 4-12-4

For lawns, pastures and turf grasses. Contains 4% Nitrogen, 12% Phosphoric Acid, 4% Potash.

Gold Tag 10-6-4

Suited to grasses and grain crops where an increased amount of nitrogen is needed. Contains 10% Nitrogen, 6% Phosphoric Acid, 4% Potash.

Gold Tag 0-14-7

For alfalfa clovers, soy beans and cow peas used in rotation on manured land. Contains 14% Phosphoric Acid, 7% Potash.

Gold Tag 3-9-12

For potatoes and other root crops. Contains 3% Nitrogen, 9% Phosphoric Acid, 12% Potash.

Gold Tag Superphosphate

Contains 20% available Phosphoric Acid. Recommended for all grain and grass crops.

Gold Tag Sulphate of Potash

Contains 48% Potash; especially used in tobacco fertilizers.

Gold Tag Muriate of Potash

Contains 50% Potash. Helps strengthen stem and leaf growth; improves vegetable, flower, fruit and root crops generally.

GOLD TAG FERTILIZERS are registered in the states of both Maryland and Virginia and are subjected to their inspections and tests.

LET US QUOTE YOU ON BOLGIANO'S GOLD TAG FERTILIZERS

For any particular service or advice in connection with soil and fertilizer problems, please feel free to consult with the specialists in our fertilizer department.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PEPPERS, continued

316. California Wonder. (120 days.) "Best-in-Garden" variety. An outstanding sweet Pepper providing a vigorous plant and many blocky fruits with thick, crisp flesh, sweet and spicy but without a bite. Housewives prize this Pepper for stuffing and serving whole; with its 4 points it will stand upright on the table and is a handsome Pepper. Pkt. 10c.; oz. 75c.; ¼lb. $2.40; lb. $9.00, postpaid.

258. Chinese Giant. (120 days.) An immense 4 x 4-inch Pepper with 4 or 5 irregular points. Fruits are much ribbed and deep green in color, changing to brilliant scarlet. The flesh is mild and sweet. Pkt. 10c.; oz. 70c.; ¼lb. $2.15; lb. $8.00, postpaid.

253. Long Red Cayenne. (120 days.) A favorite hot Pepper for canning, for mixed pickles and for drying. Plants are large and heavy producers. The tapering fruits are deep green changing to brilliant red when mature. Pkt. 10c.; oz. 50c.; ¼lb. $1.40; lb. $5.00, postpaid.

121. Pimento. (130 days.) Conical fruits 3½ x 2¼ inches are borne on large erect plants in profusion. Fruits are bright scarlet in color and the thick flesh is tender and sweet. Pkt. 10c.; oz. 70c.; ¼lb. $2.15; lb. $8.00, postpaid.

131. Red Chili. (135 days.) Requires a long season and plants should be started early in a hotbed. Plants grow only about 18 inches tall but are very productive. Fruits are deep red cones when mature and are exceedingly pungent. Pkt. 10c.; oz. 45c.; ¼lb. $1.25; lb. $4.50, postpaid.

153. Ruby King. (110 days.) Large slightly tapered fruits to 5 inches long. Flesh is thick, mild and sweet. Pkt. 10c.; oz. 50c.; ¼lb. $1.40; lb. $5.00, postpaid.

133. World-Beater. (110 days.) Fruit large, oblong, commonly 5 inches long and 3½ inches in diameter, deep green, becoming bright red. Flesh thick and sweet. Pkt. 10c.; oz. 60c.; ¼lb. $1.65; lb. $6.00, postpaid.

POTATOES

Our Seed Potatoes are grown in the cold North in the famous Potato district of Houlton, Maine, and are the finest obtainable today. Experience has shown that northern-grown Potatoes taken a few hundred miles south produce up to double the crops of home-grown seed of the same varieties. Bolgiano's selected Maine Seed assures not only a larger crop but an earlier one of Potatoes of the highest quality.

We offer only varieties which have proved most satisfactory in our customers' fields and gardens after exhaustive trials.

We are prepared to ship at any time but must warn that shipments ordered made during severe cold weather travel solely at purchaser's risk.

Chippewa. A U. S. Department of Agriculture origination maturing a few days later than Irish Cobbler. It is disease-resistant and a heavier yielder than Cobbler. A smooth Potato with light skin.

Green Mountain. Uniformly shaped, oblong tubers with creamy white skin. Pure white flesh of excellent quality. Free from both blight and rot, it is a good yielder.

Irish Cobbler. This great extra-early Potato is smooth, has creamy white skin and white flesh of top eating quality. A vigorous grower, the tubers ripening uniformly and keeping well.

Katahdin. Handsome, shallow-eyed, white-skinned tubers mature right after Green Mountain. Desirable cooking qualities. Disease-resistant and does best on light soils.

WRITE FOR POTATO PRICES.

Red Bliss Triumph or **Improved Red Bermuda.** One of the earliest varieties grown. Popular because of its great productiveness, handsome color, and resistance to disease.

Spaulding Early Rose. Pinkish, longish tubers with white flesh of highest quality. Popular everywhere as a midseason Potato.

POTATOES FOR JUNE AND JULY PLANTING

We carry in cold storage all the leading varieties so as to have them in sound, vigorous and unsprouted condition. Write for prices.

Sweet Potatoes

CULTURE. Don't wait for a rain or a "season" to set out Sweet Potato plants. Harrow your ground well before laying it off, then throw up the ridges higher than you want them, and if the soil is very dry, allow 2 or 3 days for the moisture to rise. Then knock off the top of the ridge just ahead of planting; make a mud batter with water and clay loam, or better, with the addition of fresh cow-dung, about as thick as cream; dip the plants, in hands of about 20, into this, so that mud clings to them.

Plants ready in May and should be planted in May or June.

Big-Stem Jersey. Heavy crops of uniform tubers of good size and quality.

Nancy Hall. Well-known and popular variety.

PUMPKIN

Three pounds will plant an acre.
Prices include postage on pkts., ozs., ¼lb., and lbs.

CULTURE. Pumpkins should be planted in hills (4 seeds to a hill) 8 to 10 feet each way and varieties should be kept separate. They require about the same conditions as cucumbers and melons except that farmers usually plant Pumpkins in their corn-rows.

315. Large Yellow Field. (115 days.) A general-purpose Pumpkin for pies, canning or stock-feed. The partly globe-shaped orange fruits weigh 15 to 30 pounds each. Pkt. 5c.; oz. 15c.; ¼lb. 40c.; lb. $1.25, postpaid.

181. Green Striped Cushaw. (112 days.) A creamy white crookneck Pumpkin striped green, weighing 14 to 16 pounds each. Flesh is light yellow, coarse but sweet. Pkt. 10c.; oz. 15c.; ¼lb. 45c.; lb. $1.40, postpaid.

245. King of the Mammoths or **Potiron.** (120 days.) Averaging 60 pounds, specimens often weigh over 100 pounds. Although largely used for stock-feed the quality is good and makes a splendid pie. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

334. Large Sweet Cheese. (108 days.) A flat, cheese-box Pumpkin with lemon-colored skin and thick orange-yellow flesh of fine quality. Fruits weigh 10 to 15 pounds each. Pkt. 5c.; oz. 15c.; ¼lb. 40c.; lb. $1.25, postpaid.

305. Sugar or **New England Pie.** (108 days.) The ideal home Pumpkin weighing 6 to 8 pounds each. The roundish fruits are deep orange in color with bright orange, thick, sweet, dry flesh of high quality. Pkt. 5c.; oz. 15c.; ¼lb. 40c.; lb. $1.25, postpaid.

197. Sweet Potato. (110 days.) Creamy white, pear-shaped fruits weighing 12 to 15 pounds each. The yellow flesh has a Sweet Potato flavor. Pkt. 10c.; oz. 15c.; ¼lb. 45c.; lb. $1.50, postpaid.

112. Yellow Winter Crookneck. (100 days.) The yellow fruits are about 2 feet long with curved necks. Flesh is thick and meaty. Pkt. 5c.; oz. 15c.; ¼lb. 45c.; lb. $1.40, postpaid.

RADISHES

One ounce will plant 100 feet of row; 8 to 12 pounds, an acre.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

CULTURE. Radishes require light rich soil and must have plenty of moisture to be crisp and tender. Plant as early as ground is workable, sowing thinly in rows or broadcast in borders; repeat every two weeks for succession. Sow seed for Winter Radishes in late July and August. These should be dug before frost and stored in a cellar.

Early Varieties

287. Bolgiano's No. 2 Scarlet Globe. (24 days.) "Best-in-Garden" variety. A handsome small oval Radish of brilliant scarlet. It has a small top and forces perfectly without becoming pithy or spongy. The flesh is tender, juicy, and mild. Equally good for garden or forcing, it commends itself to both the amateur and the market gardener. Pkt. 5c.; oz. 10c.; ¼lb. 30c.; lb. 90c., postpaid.

172. Crimson Giant. (28 days.) The large roots are globes to 1½ inches, deep crimson in color, and the firm white flesh is of superior quality. Pkt. 10c.; oz. 15c.; ¼lb. 30c.; lb. $1.00, postpaid.

208. French Breakfast. (25 days.) Oblong roots of rich scarlet with white base. Good quality if pulled early. Pkt. 10c.; oz. 15c.; ¼lb. 30c.; lb. 90c., postpaid.

141. Improved Long Scarlet Short-Tip. (26 days.) For earliness, brilliance of scarlet color and shortness of top this is unsurpassed. Flesh is white and crisp. Pkt. 10c.; oz. 15c.; ¼lb. 30c.; lb. 90c., postpaid.

237. Scarlet Turnip White-Tip. (25 days.) Nearly round carmine-red roots have a small white tip. Flesh white, crisp, and mild. Pkt. 5c.; oz. 15c.; ¼lb. 30c.; lb. 90c., postpaid.

278. White Icicle. (27 days.) Transparent white roots, 5 inches or longer, with brittle flesh of mild, inviting flavor. Remains in good condition a long time after ready to pick. Pkt. 5c.; oz. 15c.; ¼lb. 30c.; lb. $1.00, postpaid.

Summer Varieties

118. White Strasburg. (39 days.) Five-inch white roots with crisp, white, slightly pungent flesh. Continues in a tender marketable condition a long time after first ready to pick. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.25, postpaid.

Winter Varieties

157. China Rose or **Scarlet China.** (52 days.) Roots are 4 to 6 inches long and 2 inches through, bright rose-red in color. The firm white flesh is pleasingly pungent. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.25, postpaid.

190. Long Black Spanish. (58 days.) Cylindrical, somewhat roughened, black-skinned roots with solid, white, pungent flesh. A fine keeper. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.25, postpaid.

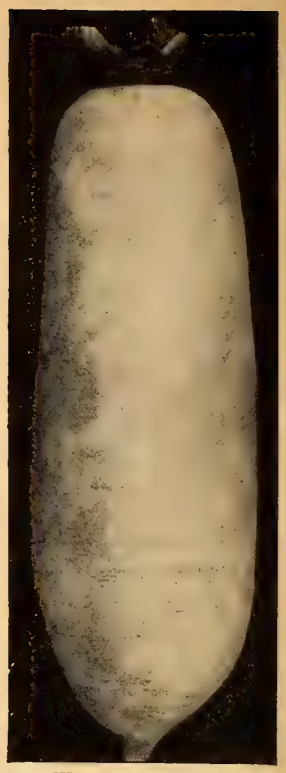
163. White Chinese or **Celestial.** (60 days.) The mildest winter Radish. White roots can be used when only 3 inches long but are good up to 6 inches, at which size they should be stored. Flesh is white, crisp and quite mild. Pkt. 10c.; oz. 20c.; ¼lb. 40c.; lb. $1.50, postpaid.

RAPE

575. Dwarf Essex. A hardy, quick-growing, smooth-leaved variety. While young it is very sweet and growth is so rapid that leaves may be cut in three weeks from seeding. Sow in succession from early spring through the fall. Oz. 5c.; ¼lb. 15c.; lb. 35c., postpaid.

287. Bolgiano's No. 2 Scarlet Globe Radishes. Pkt. 5c.

278. White Icicle Radishes. Pkt. 5c.

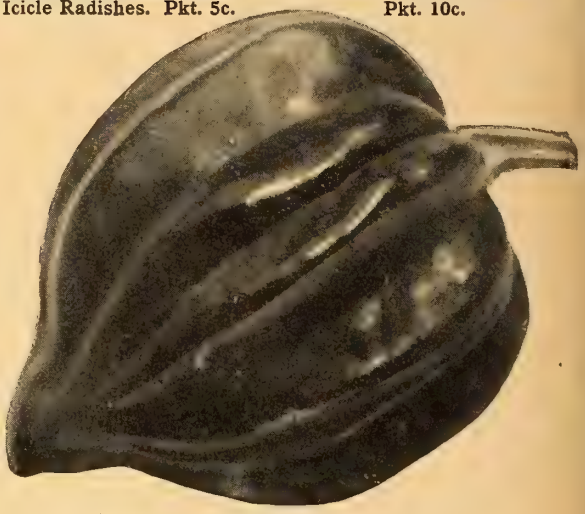


163. White Chinese Radish. Pkt. 10c.

333. Cocozelle Squash. Pkt. 10c.

312. Hubbard Squash. Pkt. 10c.

304. Early Yellow Summer Crookneck Squash. Pkt. 5c.



311. Acorn or Table Queen Squash. Pkt. 10c.

262. Farr's Benning White Bush Squash. Pkt. 10c.

576. Long-Standing Bloomsdale Savoy Spinach. Pkt. 10c.

RHUBARB

One ounce will produce 500 plants.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

CULTURE. Sow seed 1 inch deep in rows and thin to stand 6 inches apart. By fall they should be moved to their permanent location, in heavily manured ground, and spaced 3 to 4 feet apart. A heavy manure mulch around the crowns each winter will furnish extra-quality stalks.

203. Victoria. A vigorous variety with upstanding thick red stalks of excellent quality. Pkt. 10c.; oz. 25c.; ¼lb. 85c.; lb. $2.75, postpaid.
Roots dozen, $1.50; add 25c. per doz. if sent by mail. $11.50 per 100 by Express collect.

SALSIFY or OYSTER PLANT

One ounce will sow 50 feet of row; 8 to 10 pounds, an acre.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

CULTURE. Does best in a light, rich, mellow soil and requires about same treatment as parsnips; can be left in ground all winter. Sow 1 inch deep in rows early in spring. Thin to stand 6 inches apart.

Salsify is a delicious vegetable and really has an oyster flavor.

119. Bolgiano's Great Giant. (110 days.) With the largest, smoothest roots of any variety, it outyields and outsells them, thereby pleasing the truckers. Pkt. 10c.; oz. 40c.; ¼lb. $1.45; lb. $5.25, postpaid.

330. Sandwich Island Mammoth. (120 days.) Roots 8 to 9 inches long and 1½ to 2 inches in diameter. Flesh is almost white and the oyster flavor is excellent. Pkt. 10c.; oz. 40c.; ¼lb. $1.40; lb. $5.00, postpaid.

SPINACH

One ounce will sow 100 feet of row; 15 pounds, an acre.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Spinach is an excellent source of supply for vitamins A and C and furnishes iron. An important vegetable for everyone's diet.

CULTURE. Use well-manured ground, and sow in rows, covering 1 inch deep, later thinning to 5 inches apart. Sow every two weeks from early spring until hot weather. Sow again in September for a fall crop.

574. Bolgiano's Selected Bloomsdale Savoy. (39 days.) A first-early, vigorous variety with fast-growing plants which are hardy and attractive. Leaves are dark glossy green and are heavily savoyed.
Pkt. 5c.; oz. 10c.; ¼lb. 20c.; lb. 60c., postpaid.

570. Extra Dark Green Savoy. (40 days.) Because of its darker color this special strain retains a fresh appearance at market. Pkt. 10c.; oz. 15c.; ¼lb. 20c.; lb. 60c., postpaid.

576. Long-standing Bloomsdale Savoy. (45 days.) "Best-in-Garden" variety. While not quite so early as the preceding varieties it remains in cutting condition long after earlier types have gone to seed. The highly crumpled and blistered dark green leaves are unusually attractive.
Pkt. 10c.; oz. 15c.; ¼lb. 20c.; lb. 60c., postpaid.

567. New Zealand (*Tetragonia expansa*). (55 days.) This is not a true Spinach but the thick dark green foliage can be picked repeatedly throughout the summer and fall. Cooked like Spinach, it is a splendid "greens" with a Spinach-like flavor. Seeds are hard and should be soaked for some time in warm water and planted in warm soil. Thrives in hot weather. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. $1.75, postpaid.

321. Tendergreen or **Mustard Spinach.** (45 days.) A cross between Mustard and Spinach with a delicious Spinach flavor. It can be grown most of the year, being quite hardy in winter and standing hot weather as well. Leaves are gathered and boiled for "greens" just like Turnips, Mustard, Spinach or Kale. Pkt. 5c.; oz. 15c.; ¼lb. 30c.; lb. 85c., postpaid.

568. Victoria or **Spring.** (48 days.) Distinguished by its flat rosettes of large, crumpled, thick, very dark green leaves. Can be planted up into early summer and be sure of a crop. Pkt. 10c.; oz. 10c.; ¼lb. 20c.; lb. 60c., postpaid.

569. Virginia Blight-resistant Savoy. (40 days.) Bred at the Virginia Experiment Station for mosaic resistance, this variety is valuable for growing on infested soil. The savoyed and crumpled leaves are crisp and tender. Growth is upright. Pkt. 10c.; oz. 15c.; ¼lb. 20c.; lb. 60c., postpaid.

SQUASH

SUMMER SQUASH. One ounce will plant 25 hills; 3 to 4 pounds, an acre.
WINTER SQUASH. One ounce will plant 15 hills; 3 pounds, an acre.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Winter Squash are an excellent source of Vitamin A, while Summer Squash provide both A and C.

CULTURE. Plant in hills like cucumbers and melons, the bush varieties 3 to 4 feet apart and the running kinds 6 to 9 feet.

Summer Varieties

236. Black Zucchini. (62 days.) Developed from Italian Marrow. Fruits cylindrical, long, smooth, green-black; weighing 5 to 6 pounds; flesh greenish white at eating stage, excellent flavor. Pkt. 10c.; oz. 15c.; ¼lb. 45c.; lb. $1.40, postpaid.

333. Cocozelle or **Italian Vegetable Marrow.** (65 days.) Large, oblong, dark green fruits becoming marbled with yellow when mature. Fine-grained flesh of excellent flavor. Pkt. 10c.; oz. 15c.; ¼lb. 45c.; lb. $1.40, postpaid.

114. Early Prolific Straightneck. (50 days.) An attractive, productive strain of Giant Straightneck. Though the fruits are somewhat smaller, they are earlier and of bright lemon color. Pkt. 10c.; oz. 15c.; ¼lb. 45c.; lb. $1.40, postpaid.

111. Early White Bush Scallop or **Patty Pan.** (52 days.) This old favorite for home and market gardens is shaped somewhat like a pie with scalloped edges. Pkt. 5c.; oz. 15c.; ¼lb. 45c.; lb. $1.40, postpaid.

304. Early Yellow Summer Crookneck. (52 days.) The earliest Crookneck. Warted yellow skin. Flesh of splendid quality.
Pkt. 5c.; oz. 15c.; ¼lb. 45c.; lb. $1.40, postpaid.

262. Farr's Benning White Bush. (50 days.) "Best-in-Garden" variety. The earliest Squash. In productiveness also it excels other varieties, being an exceptionally heavy cropper. The color is a beautiful green tinted white. The flavor is delicious; it has a few small seeds and is an excellent cooker. The strain which we offer is that originated by Mr. N. E. Farr and has been grown under our own supervision. Pkt. 10c.; oz. 15c.; ¼lb. 45c.; lb. $1.40, postpaid.

Winter Varieties

311. Acorn or **Table Queen.** (60 days.) In size the Acorn Squash equals a fair-sized husked cocoanut, and a half, when baked, serves one person amply. The shell is unusually thin and does not require over twenty minutes for baking or boiling. It retains its dark green color after picking and storing. The meat is dry and mealy. It yields enormously. Pkt. 10c.; oz. 15c.; ¼lb. 45c.; lb. $1.50, postpaid.

137. Golden Hubbard. (100 days.) A smaller and somewhat earlier Hubbard, popular with home and market gardeners and canners. Fruits weigh 6 to 10 pounds, with orange-red skin and dry orange flesh of fine quality. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

312. Hubbard. (105 days.) The leading Winter Squash for years. It has a green, warted exterior and fine-grained, orange-yellow flesh which is dry, sweet and richly flavored. It bakes very dry. Our stock of Hubbard is the very best. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

176. Warted Hubbard. (110 days.) A larger Hubbard more thickly covered with warts. The same high-quality Hubbard flesh. Pkt. 10c.; oz. 20c.; ¼lb. 60c.; lb. $2.00, postpaid.

TOBACCO

CULTURE. One ounce of Tobacco produces at least 10,000 plants if sown properly. It is advisable to sow as early as possible, the usual custom being to make a large fire over the place intended for the seed-bed, in order to destroy weed seeds. The ground is put in the finest possible condition, the seed sown broadcast on the surface and pressed down firmly with a plank or the back of a spade, after which the bed must be protected by cotton or covering. When seedlings get 5 to 6 inches high they are transplanted in rows 4 feet apart, with 3 feet between the plants. Cultivate thoroughly.

158. Connecticut Seed-Leaf. Hardy, prolific variety grown principally for cigar Tobacco.
Pkt. 10c.; oz. 35c.; ¼lb. $1.15, postpaid.

147. Maryland Broad-Leaf. Bears thick, broad leaves which produce a high percentage of bright Tobacco when cured.
Pkt. 10c.; oz. 35c.; ¼lb. $1.15, postpaid.

TOMATO

One ounce will produce 1500 plants; 6 ounces will plant an acre.
Prices include postage on pkts., ozs., ¼lbs., and lbs.

Tomatoes are reliable providers of vitamins A and C and every garden requires a lot of them to supply the family's needs the year round.

CULTURE. Seed should be started in a hotbed in March, transplanted to a coldframe, and finally to open ground in May. The soil should be rich and in full sun but protected from wind. In the home-garden the plants should be supported on stakes or wires.

Red Varieties

124. Bolgiano's Greater Baltimore. (105 days.) A universal canning favorite. Large plants produce unusually heavy tonnage per acre. Fruits are medium large, deep scarlet, firm and meaty. Pkt. 10c.; oz. 40c.; ¼lb. $1.15; lb. $4.00, postpaid.

223. Bolgiano's Red Beefsteak. (115 days.) A large Tomato for home and market use. Plants are heavy and of open habit. The scarlet-red, solid fruits have deep scarlet flesh with a rich subacid flavor. A meaty Tomato growing rapidly in popularity. Pkt. 15c.; oz. 90c.; ¼lb. $2.65; lb. $10.00, postpaid.

269. Bonny Best. (100 days.) A standard variety for market gardeners, shippers and canners. Plants of average size produce bright scarlet, smooth fruits of medium size and excellent quality. Pkt. 10c.; oz. 40c.; ¼lb. $1.40; lb. $5.00, postpaid.

134. Break o'Day. (95 days.) A wilt-resistant variety introduced by the U. S. Department of Agriculture. The spreading plants bear early and prolifically. Fruits are medium-sized, smooth globes of orange-red and have a deliciously sweet flavor.
Pkt. 10c.; oz. 45c.; ¼lb. $1.65; lb. $6.00, postpaid.

291. Rutgers Tomato. Pkt. 10c.

329. Long Island Special Rutabagas. Pkt. 5c.

326. Ponderosa Tomato. Pkt. 10c.

273. Purple-Top White Globe Turnip. Pkt. 5c.

331. Marglobe Tomato. Pkt. 10c.

TOMATOES

The health-giving Tomato has become an everyday necessity to most of our people, and there are never enough Tomatoes to go around. We, therefore, earnestly urge everyone with a garden to grow all the Tomatoes they have room for and to can, in some form, every Tomato that is not needed for immediate use.

ALL PRICES SUBJECT TO CHANGE

Dill | Thyme | Horehound | Anise | Lavandula | Sweet Marjoram | Fennel

TOMATO, RED VARIETIES, continued

209. Earliana Improved. (90 days.) This is Bolgiano's special strain and produces heavier crops of smoother fruit than the old type. Fruits are medium size, flattened, firm, bright red. Reaches market when a crop means real money. Pkt. 10c.; oz. 55c.; ¼lb. $1.75; lb. $6.50, postpaid.

173. I.X.L. Bolgiano's Extremely Early. (90 days.) The largest, most prolific early Tomato. Pkt. 10c.; oz. 55c.; ¼lb. $1.75; lb. $6.50, postpaid.

331. Marglobe. *Reselected and improved from originator's strain.* (100 days.) "Best-in-Garden" variety. A second-early Tomato with strong, disease-resistant plants which bear fine fruit long after other varieties. Fruits are beautiful red globes with meaty flesh of delicious flavor, free from acid. A good shipper and should be in every home-garden. Pkt. 10c.; oz. 40c.; ¼lb. $1.40; lb. $5.00, postpaid.

242. Pan America. (75 days.) Highly resistant to fusarium wilt. Fruit is bright scarlet inside and out, and weighs about 7 ounces. Good for all uses and worth a trial. Pkt. 10c.; oz. 75c.; ¼lb. $2.15; lb. $8.00, postpaid.

160. Pritchard or **Scarlet Topper.** (95 days.) "Best-in-Garden" variety. Another U. S. Department of Agriculture introduction with self-topping plants resistant to fusarium wilt and nail-head rust. Globular, thick-walled, light scarlet fruits. Pleases both home and market gardeners and long-distance shippers. Pkt. 10c.; oz. 45c.; ¼lb. $1.50; lb. $5.50, postpaid.

182. Red Cherry. (115 days.) Little cherry-like, scarlet-red fruits for preserving. Pkt. 10c.; oz. 75c.; ¼lb. $2.00, postpaid.

291. Rutgers. (100 days.) Fruits are medium to large, globe-shaped, slightly flattened at the stem end. Flesh very firm and red. This variety ripens from the inside, or gets its color on the inside before it fully ripens up on the outside, which makes it especially desirable for canning and for juice. The vines are vigorous and more resistant than some other sorts to blight and other diseases. Pkt. 10c.; oz. 40c.; ¼lb. $1.40; lb. $5.00, postpaid.

207. Scarlet Dawn. (90 days.) An extra-early Tomato for garden, shipping, and canning. Plants are of average size and are good producers. Medium-sized fruits of bright scarlet. Pkt. 10c.; oz. 40c.; ¼lb. $1.40; lb. $5.00, postpaid.

299. Stone. (115 days.) Makes a good main crop of large, solid, scarlet-red fruits which keep well and do not crack. Pkt. 10c.; oz. 40c.; ¼lb. $1.15; lb. $4.00, postpaid.

238. The Bolgiano or **Potato-leaf Tomato.** (90 days.) Blossoms continually. Every vine is just loaded with perfect red solid Tomatoes all during the season. The Bolgiano Tomato is two weeks earlier than Marglobe. First fruit just as perfect as the prime fruit of the season. Its heavy potato-leaf foliage protects the fruit from sun-scalds and blisters. Pkt. 10c.; oz. 55c.; ¼lb. $1.75; lb. $6.50, postpaid.

249. The Washington. (100 days.) Heavy-yielding, wilt-resistant plants for a main cropper. Fruits are perfectly smooth, solid, rich red and meaty. Pkt. 10c.; oz. 50c.; ¼lb. $1.60; lb. $6.00, postpaid.

Pink Varieties

227. Oxheart. (118 days.) Great rosy pink, heart-shaped fruits up to 2 pounds each. They are very solid, with few seeds, and are mildly acid. Pkt. 10c.; oz. $1.15; ¼lb. $4.00; lb. $15.00, postpaid.

221. Livingston's Beauty. (100 days.) Large, deep, flat, smooth fruits of purplish pink. Pkt. 10c.; oz. 50c.; ¼lb. $1.60; lb. $6.00, postpaid.

326. Ponderosa. (115 days.) The largest of all Tomatoes. Has few seeds and its flesh is sweet and mild. Quite often called the "Beefsteak" Tomato. Pkt. 10c.; oz. 90c.; ¼lb. $2.65; lb. $10.00, postpaid.

Yellow Varieties

213. Golden Queen. (110 days.) Large golden yellow fruits of mild flavor; smooth and solid. Pkt. 10c.; oz. 75c.; ¼lb. $2.50, postpaid.

154. Pear-shaped. (100 days.) A bright yellow pear-shaped Tomato used for preserves. Pkt. 10c.; oz. 75c.; ¼lb. $2.50, postpaid.

196. Plum-shaped. (100 days.) Oval, plum-shaped, yellow fruits. A preserve variety. Pkt. 10c.; oz. 75c.; ¼lb. $2.50, postpaid.

TURNIPS

One ounce will sow 100 feet of row; 2 pounds, an acre.

Prices include postage on pkts., ozs., ¼lbs., and lbs.

Turnip roots provide vitamin C but Turnip tops not only rate excellent as suppliers of vitamins A and C but contain goodly quantities of calcium and iron. Never discard Turnip tops. Used as fresh "greens" they are palatable and highly nutritious.

CULTURE. They do best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 to 9 inches in rows. For a succession sow at intervals of a fortnight until the last week in July; from then until the end of August sowing may be made for the fall and main crop. Turnips may be preserved until spring by cutting off the tops about 1 inch from the bulb, storing in the cellar or cold shed during the winter, covering the roots with dry sand. They should be harvested before the severe frost sets in, for, though comparatively hardy, few will survive the winters of the Northern States in the open ground.

323. Amber Globe. (75 days.) A yellow-fleshed variety; fine-grained, tender and sweet; top bronzy green. Roots most desirable for table use when 3 to 4 inches in diameter. Pkt. 5c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

139. Early Red or **Purple-Top Strap-Leaf.** (46 days.) A medium-early Turnip. Flat roots, purple-red above, white below. Medium small tops. Flesh white and fine-grained. Pkt. 10c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

226. Extra-Early Milan Purple-Top. (40 days.) Very small tops with small flat white roots with purplish tops. Flesh white, sweet and tender. Pkt. 10c.; oz. 15c.; ¼lb. 30c.; lb. 75c., postpaid.

179. Extra-Early White Milan. (40 days.) An extremely early Turnip valuable for forcing. The very flat white roots are sweet and tender. Pkt. 10c.; oz. 15c.; ¼lb. 30c.; lb. 75c., postpaid.

177. Golden Ball or **Orange Jelly.** (60 days.) An attractive Turnip with small erect tops and medium-sized round yellow roots with yellow flesh of unusually fine texture and flavor. Pkt. 10c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

232. Pomeranian Globe or **White Globe-Norfolk.** (75 days.) A Southern favorite. Large tops with globular white roots. A heavy cropper. Pkt. 10c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

273. Purple-Top White Globe. (55 days.) "Best-in-Garden" variety. The most popular Turnip for home and market gardens. Dark green, erect tops and large smooth globes, purple-red above, white below. The white flesh is sweet, crisp and tender. Pkt. 5c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

307. Seven-Top. (50 days.) Grown for "greens" and forage. Tops are tender but roots are unsuitable for food. Pkt. 5c.; oz. 10c.; ¼lb. 20c.; lb. 50c., postpaid.

TURNIPS, continued

171. Shogoin. (42 days.) Grown in the South where the tops are used for early "greens." The small globular white roots are very tender. Pkt. 10c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

143. White Egg. (55 days.) Medium-sized tops with egg-shaped white roots of fine quality. Pkt. 10c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

RUTABAGA Swede Turnip

219. Golden Neckless. (85 days.) A splendid winter Turnip with large globular yellow roots. The yellow flesh is fine-grained and sweet. Pkt. 10c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

329. Long Island Special. (90 days.) The large roots have very sweet golden flesh which is neither stringy nor tough. A splendid winter Turnip which keeps solid and crisp until spring. Pkt. 5c.; oz. 15c.; ¼lb. 25c.; lb. 60c., postpaid.

HERBS

Every year more housewives are turning to old-time Herbs for flavor in preparing food, fragrance in the living-rooms and simple remedies for the medicine closet. Our ancestors depended greatly on their garden Herbs for their well-being and in these difficult times when so many of the things we had come to take for granted are now unobtainable, or hard to get, it is a good time for everyone with a garden to plant these useful Herbs and get busy looking up recipes for their use.

Annuals are marked (A); Perennials (P); and Biennials (B)

635. Anise. (A) Leaves used for garnishing and flavor. Seeds for flavoring bread, cake, etc. Sow where plants are to grow. 14 in. Pkt. 10c., postpaid.

636. Basil, Sweet. (A) Foliage provides a spicy flavoring for salads, soups, stews, etc. Pkt. 10c., postpaid.

637. Caraway. (B) Seeds are used for flavoring bread, cake, etc. 1 to 2 ft. Pkt. 25c., postpaid.

638. Catnip. (P) Leaves have medicinal value and are sometimes used for seasoning. 1 ft. Pkt. 35c., postpaid.

639. Chives. (P) Tops used to give a mild onion flavor to many dishes. 1 ft. Pkt. 25c.; oz. $1.50, postpaid.

640. Coriander. (A) Seed used in candy and for flavoring. 2½ ft. Pkt. 15c., postpaid.

641. Dill. (A) Both leaves and seeds are used to flavor pickles. 2 to 3 ft. Pkt. 10c.; oz. 30c., postpaid.

642. Fennel, Florence. (A) The tender stems are eaten like celery. 2½ ft. Pkt. 10c.; oz. 30c., postpaid.

643. Fennel, Sweet. (P) Stems and leaves have a licorice-like flavor and are used in soups, stews, etc. Seeds are used to flavor candy and medicines. 2 to 4 ft. Pkt. 15c., postpaid.

644. Lavender. (P) Flowers, leaves and stems provide a perfume loved by everyone. 1 to 2 ft. Pkt. 25c., postpaid.

645. Sage. (P) Leaves furnish flavoring and seasoning especially for poultry and meats. 15 to 18 in. Pkt. 25c.; oz. 75c., postpaid.

646. Summer Savory. (A) A flavoring for salads and various meat dishes. 10 in. Pkt. 20c., postpaid.

647. Sweet Marjoram. (P) The tender tops and leaves are used for flavoring; leaves are also dried for winter use. 2 ft. Pkt. 25c.; oz. 75c., postpaid.

648. Thyme. (P) Used for seasoning and old-time home remedies. Leaves should be dried for winter use. 10 in. Pkt. 25c., postpaid.

Yellow Dent Hybrid U. S. 13

Alfalfa and Clover

BOLGIANO'S *"Capitol Brand"* Clover, Grass and Forage Seed

INOCULATE ALL LEGUMES WITH NITRAGIN The Original Legume Inoculator

—WRITE FOR PRICES—

INOCULATE ALL LEGUMES WITH NITRAGIN The Original Legume Inoculator

THE CLOVERS

Alfalfa (*Medicago sativa*). Sow 20 to 25 pounds to the acre in thoroughly prepared soil either in spring or fall.

Alsike or **Hybrid Clover** (*Trifolium hybridum*). The hardiest of Clovers, resisting extremes of both heat and cold as well as drought. Sow 8 pounds to the acre.

Crimson or **Scarlet Clover** (*Trifolium incarnatum*). Improves poor land and furnishes an abundance of forage at seasons when pastures are resting. May be planted in spring, summer or fall. Sow 15 pounds to the acre.

Mammoth or **Sapling** (*Trifolium pratense perenne*). A stronger grower than Red Clover and matures later. Recommended for thin soils. Sow 10 to 12 pounds per acre.

Medium Red or **June Clover** (*Trifolium pratense*). Makes two crops of hay each year and may be sown in either spring or fall. Sow 12 to 15 pounds per acre.

White Dutch Clover (*Trifolium repens*). Usually included in lawn grass mixtures, it is also valuable in permanent pastures. Sow in spring, using 1 to 2 pounds in mixture to the acre and 8 to 12 pounds when alone.

White Sweet Clover (*Melilotus alba*). Grows 3 to 5 feet tall and is valuable for soiling, ensilage and bees. Lasts for years if cut before flowering and on rich soil will produce three crops a year. Sow 15 to 25 pounds to the acre.

Korean Lespedeza

The most popular of the Lespedeza family, growing about 1½ feet tall and producing 2 to 3 tons of splendid hay equal to Alfalfa in feed value per acre. Grows readily in acid soil and reseeds itself, lasting several years. It is drought-resistant, is ready to cut in August and cures quickly. Sow 20 to 25 pounds per acre from February 1 to the last of May.

Sericea Lespedeza

This is a perennial which thrives on poor soil, withstands droughts and furnishes two or more cuttings per season after the first year. Cut when about a foot high to make tender hay. Sow 30 to 35 pounds of unhulled seed per acre during February or 20 pounds of hulled seed from March 1 through June.

Inoculate all Legume Seed (Alfalfa, Clovers and Lespedeza) with Nitragin and insure a good stand. **See page 74.**

THE GRASSES and FORAGE SEED

Bermuda Grass (Cynodon dactylon)

A creeping perennial grass that succeeds on all soils; withstands drought and scorching summer sun better than any other grass. Covers bare spaces by long, overground runners; dies down completely in winter. Sow 5 pounds per 1000 square feet of lawn; 10 pounds per acre of pasture.

Chewings Fescue (Festuca rubra commutata)

A creeping Fescue popular for lawns, golf-courses and pastures and thriving in shade it is used in most shady lawn mixtures. If used alone sow 8 pounds per 1000 square feet of lawn or 30 pounds per acre for pasture.

Creeping Bent Grass (Agrostis palustris)

Provides a durable turf for lawns and golf greens, standing close cutting. Sow 5 pounds per 1000 square feet of lawn.

Domestic Rye Grass

An all-purpose grass, used in lawn mixtures and for hay or pasture. Sow 10 pounds per 1000 square feet of lawn or 30 pounds per acre for hay or pasture.

Kentucky Blue Grass (Poa pratensis)

Although it does well on most any good soil, Blue Grass requires about two years to become established and is therefore often sown with other grasses. Sow in spring or fall. For lawns use 5 pounds per 1000 square feet and 40 pounds per acre for pasture.

Meadow Fescue (Festuca ovina)

A deep-rooted perennial grass valuable for hay or pasture. Appears early in spring and lasts until late fall. Sow 25 pounds per acre

Orchard Grass (Dactylis glomerata)

An early bunch grass which stays green in spite of heat and drought. Lasts for years. Sow 28 pounds per acre.

Perennial Rye Grass (Lolium perenne)

A splendid permanent pasture grass doing best on moderately moist ground. Sow 30 to 40 pounds per acre in spring.

Red Top or Herd's Grass (Agrostis palustris)

Used in most lawn mixtures and a good pasture grass. Does well in low, wet meadows. Sow in spring or fall, using 5 pounds per 1000 square feet of lawn or 12 pounds per acre for pasture or hay.

Timothy (Phleum pratense)

This important hay and pasture grass should be sown at the rate of 12 pounds per acre in spring or fall. One popular mixture uses 10 pounds Timothy and 6 pounds Clover; another has 8 pounds Timothy, 6 pounds Clover (Alsike or Mammoth), 6 pounds Red Top and ½ bushel Meadow Fescue to the acre.

Bolgiano's Permanent Pasture Mixture

These mixtures are composed of only the best germinating seeds and are sure to give satisfaction.

For Uplands: A special mixture of the best grasses and clovers for establishing a permanent pasture.

For Lowlands: A mixture of grasses and clovers adapted for moist or slightly sour lowlands.

Dwarf Essex Rape

An annual resembling kale which furnishes good pasture for poultry and livestock within six weeks after sowing. Sow 6 to 8 pounds broadcast per acre.

Golden Millet

Makes an enormous yield of hay which should be cut just as the heads begin to form. Sow from May through July at the rate of 30 pounds per acre.

Hairy Vetch (Vicia villosa)

Valuable as a winter cover crop to prevent leaching and to turn in for fertilizer. It is also a good forage plant. Sow 50 to 60 pounds per acre.

Sudan Grass (Holcus sudanensis)

Similar to Timothy in good value this provides an easily cured hay forage crop. Must be cut before frost. Sow 20 to 25 pounds per acre in late spring. Often sown with Soy Beans—20 pounds Sudan Grass and one bushel Soy Beans to the acre.

Soy Beans

Oats

Golden Millet

"Capitol Brand" SOY BEANS, COWPEAS, and SMALL GRAINS

SOY BEANS

A valuable Bean which can be grown for the Beans or used for hay, silage or green manure. Sow from May to July, 60 to 90 pounds per acre broadcast, or 45 to 60 pounds in drills.

Mammoth Yellow. (145 days.) The largest-growing variety for forage purposes.

Virginia Brown. (125 days.) Vines stand about 3 feet high and provide excellent hay.

Wilson Early Black. (120 days.) A small-seeded variety popular in the mountains and the North.

BLACK-EYED PEAS

Erect vines yielding large quantities of edible Peas.

CANADA FIELD PEAS

Second only to clover in their soil-enriching properties and can be grown about anywhere. The vines make nutritious hay and the ground Peas are valuable stock-feed.

COWPEAS

An inexpensive soil-improver yielding heavy crops of nutritious stock-feed. Sow 60 to 90 lbs. per acre broadcast or 45 to 60 lbs. in drills.

Whippoorwill. (75 to 90 days.) An easy-to-harvest, upright-growing early variety.

Mixed Cowpeas. The upright growers hold up the vining types giving more satisfactory results.

BARLEY

Beardless Barley. Sow 72 to 96 pounds per acre.

BUCKWHEAT

Seed Buckwheat has the advantage of remaining for some time in bloom and produces seed earlier. It resists drought and blight very well. Sow 1 bushel per acre.

WHITE KAFFIR CORN

A nutritious food for stock and poultry. Generally sown with cowpeas broadcast at the rate of 1 peck of Kaffir Corn to a bushel of Cowpeas per acre.

OATS

Sow 64 to 90 pounds per acre.

White Spring. Produces a bumper crop of hay or grain.

Winter or **Turf.** Sown in September or October it is excellent for winter grazing. Produces a large crop of heavy grain.

RYE

Sow 56 to 84 pounds per acre.

Abruzzi. Ready for grazing ten days earlier than other varieties, also produces more grain and straw.

Rosen. A Russian Rye used largely for turning under.

SORGHUM

Sorghum furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield 2 or 3 cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of 1 to 1¾ bushels to acre. When sowing in drills, sow at the rate of 1 peck per acre in drills 3½ to 4 feet apart.

WHEAT

Sow 75 to 120 pounds per acre.

Leap's Prolific. A tall beardless Wheat of heavy production.

BROOM CORN

Improved Evergreen. A tall variety yielding a long, heavy brush. Appearing green when ripe it commands highest market price. Sow 5 pounds per acre in drills 3 feet apart and thin out to 3 inches.

Open Pollinated FIELD CORN

Our Corn is grown especially for us in the best producing sections. Only good ears from healthy plants are taken and they are hand shelled and graded. Write for Prices.

Reid's Yellow Dent. (100 days.) The 10-inch yellow ears have small red cobs covered with 18 to 20 rows of deep grains. Grows better than 8 feet tall. A consistent prize-winner at shows.

Improved Leaming. (112 days.) A rough Dent yellow Corn with ears 9 Inches long, having 16 to 18 rows of deep kernels, and small red cob. Successful on any kind of soil.

Hickory King. (115 days.) Grows over 8 feet tall, with a splendid root-growth. Ears contain 8 rows of large broad kernels; small cob. A great white Corn especially recommended on poor soil. Popular for "roasting ears" and early feed in the South.

Boone County. (110 days.) A pure white Corn on a white cob. There are generally 20 or more rows of deep kernels on the heavy 10 to 11-inch ears. Boone County is a heavy yielder of extra-quality Corn.

Eureka Ensilage. (115 days.) Many years of watching and selecting seed has developed this best of all silo Corn until the rapid-growing plants now reach a height of 15 feet with a large amount of fodder and 3 or 4 long ears to the stalk.

HYBRIDS by Lester Pfister

Every farmer notes the reason for big Pfister yields at planting time: **Even planter drop** due to careful grading; **high germination** count because of careful processing; **quick, vigorous growth** due to good breeding; **standability and resistance** to adverse conditions, due to breeding and testing; **heavy ears** filled with quality grain, again due to Pfister characteristics.

Pfister 164 (Hy x 187) x WF9 x 38-11). Maturity, 115 to 120 days. Large cylindrical ears with deep, medium-rough kernels. Adaptable to a wide variety of soils. It is definitely a one-eared hybrid. The stiff stalk carries ears at uniform height, making picking easy.

Pfister 4897 (140 x 187) x 199 x 177). Maturity, 105 to 110 days. Excellent standing quality, heavy, dark foliage; resistant to drought, disease and insects. The medium large, cylindrical ears produce long kernels of deep indentation . . . making it a favorite with stock feeders. Medium early and produces well on soils of medium to low fertility. Will be in great demand in areas infested with corn borer and chinch bugs. Suitable for mechanical pickers.

Yellow Dent Hybrid U. S. 13. (110 days.) This Virginia-grown Corn is one of the best Yellow Hybrids in the middle Atlantic section. Large show-type ears, 11 inches long, with 16 rows of deep kernels. Deep-rooting plants.

Bolgiano's Selected Flower Seeds

SUPERIOR QUALITY

650. Ageratum, Blue Ball
Pkt. 15c.

651. Ageratum, Midget Blue
Pkt. 20c.

663. Anchusa italica, Dropmore Variety
Pkt. 10c.

655. Alyssum procumbens (Carpet of Snow). Pkt. 10c.

665. Antirrhinum (Snapdragon), University of California Mixture. Pkt. 10c.

Classification. Annual flowers grow from seed, bloom, and die in one year. Biennials bloom the second year and die. Perennials live on from year to year and generally do not bloom the same year the seed is planted. A. signifies annual; B., biennial; P., perennial. R-G., means suitable for the rock-garden.

Cultural Directions will be found on the back of each packet of flower seed.

All Flower Seeds are mailed postpaid.

Ageratum (Floss Flower) A., R-G.

A splendid edging plant blooming all summer and fall.

650. Blue Ball. Improved. Large, deep rich blue flowers on 4 to 5-inch, mound-like plants. Pkt. 15c.; 1/16oz. 75c.; 1/8oz. $1.25.

651. Midget Blue. Silver Medal, 1940 All-America Selections. At last we have a dwarf Ageratum that will come uniformly dwarf and true to color from seed. The plants, about 3 inches high, smother themselves with little flowers of true Ageratum-blue. A sensational dwarf edging plant. Pkt. 20c.; 1/16oz. 75c.; 1/8oz. $1.25.

652. Dwarf Varieties, Mixed. Shades of blue and white. Pkt. 10c.; 1/8oz. 75c.; 1/4oz. $1.25.

Arabis (Rock Cress) P., R-G.

653. Alpina Snowcap. Early spring-flowering perennial especially adapted for edging and rockery. Pure white blossoms in April and May. 6 inches tall. Pkt. 15c.; 1/8oz. 60c.; 1/4oz. $1.00.

Alyssum A., P., R-G.

Splendid low plants for window-boxes, edgings and spots in the rock-garden. Cut annual varieties back after blooming and they will repeat.

654. Little Gem. A., R-G. Dwarf, spreading plants about 4 inches high cover themselves with fragrant white bloom over a long period. Pkt. 10c.; 1/4oz. 40c.; 1/2oz. 60c.; oz. $1.00; 1/4lb. $3.50.

655. Procumbens (Carpet of Snow.) A., R-G. Each plant is a flat, compact mass of snow-white flowers 2 1/2 inches high. Pkt. 10c.; 1/8oz. 25c.; 1/4oz. 45c.; 1/2oz. 75c.

656. Saxatile compactum (Basket of Gold). P., R-G. Hardy, bushy plants, 10 to 12 inches tall, are a mass of golden bloom in May. Pkt. 10c.; 1/8oz. 35c.; 1/4oz. 60c.; 1/2oz. $1.00.

657. Sweet (*A. maritimum*). A., R-G. Trailing plants about 10 inches high with honey-scented white flowers. Pkt. 10c.; 1/4oz. 25c.; 1/2oz. 40c.; oz. 75c.

658. Violet Queen. A., R-G. Fragrant, rich violet-blue flowers on dwarf plants. Pkt. 10c.; 1/16oz. 25c.; 1/8oz. 45c.; 1/4oz. 60c.; 1/2oz. $1.00.

Amaranthus A.

Tall, ornamental foliage plants, some with showy flowers. Do best in full sun in rather poor soil.

659. Caudatus (Love-Lies-Bleeding). Drooping spikes of red flowers on 3-foot plants. Pkt. 10c.; 1/4oz. 20c.; 1/2oz. 35c.; oz. 60c.

660. Molten Fire (Summer Poinsettia). Four-foot plants with bronzy foliage tipped with a fiery head resembling the poinsettia. Pkt. 10c.; 1/16oz. 25c.; 1/8oz. 45c.; 1/4oz. 75c.

661. Tricolor (Joseph's Coat). Spectacular leaves of red, yellow and green. 3 ft. Pkt. 10c.; 1/8oz. 20c.; 1/4oz. 35c.; 1/2oz. 60c.

Anchusa A., P.

662. Capensis (Cape Forget-me-not). A. Azure-blue flowers during July and August. 1 1/2 ft. Pkt. 10c.; 1/4oz. 35c.; 1/2oz. 60c.

663. Italica, Dropmore Variety. P. Gentian-blue flowers during July and August. 3 to 4 ft. Pkt. 10c.; 1/8oz. 25c.; 1/4oz. 45c.; 1/2oz. 75c.

Aquilegia (Columbine) P., R-G.

664. Mrs. Scott Elliott's Hybrids. Graceful 2-foot plants with dainty, colorful flowers from May into July. This strain has delightfully long spurs and all the Columbine colors. A charming cut-flower. Plants appreciate protection from the wind. Pkt. 10c.; 1/16oz. 60c.; 1/8oz. $1.00; 1/4oz. $1.50.

Antirrhinum (Snapdragon) A.

One of the "easy-to-grow" flowers, blooming continuously during summer and fall. Plants are perennial in the South.

665. University of California Mixture. A mixture of Rust-resistant Snapdragons similar to the Majus grandiflorum type and containing a full range of colors. Perfected by the University of California after years of testing. The mixture contains all the most desirable colors and is almost totally rustproof. 2½ ft. Pkt. 10c.; ⅛oz. 75c.; ¼oz. $1.25; ½oz. $2.00.

666. Rosalie. (Majus grandiflorum.) Bronze Medal, 1940 All-America Selections. Rust-resistant, base-branching plants produce 6 to 8 huge spikes of large, rich deep rose flowers with an underlying tone of amber. 2½ ft. Pkt. 25c.; 1/16oz. 50c.; ⅛oz. 75c.; ¼oz. $1.25.

667. Tall Giant. (Maximum or Super Giants.) The tallest Rust-resistant Snapdragons producing long spikes for cutting. A fine mixture of brilliant colors. 2¾ ft. Pkt. 10c.; 1/16oz. 50c.; ⅛oz. 75c.; ¼oz. $1.25.

LARGE-FLOWERED HALF-DWARF. R-G.
(Rust-resistant)

Only 18 inches tall, this is a splendid type for bedding and spots in the rockery. Flowers are almost as large as those of the giant types.

668. Apple Blossom. Rose-pink with white tube. Pkt. 10c.; 1/16oz. 60c.; ⅛oz. $1.00; ¼oz. $1.50.
669. Firebrand. Brilliant crimson. Pkt. 15c.; 1/16oz. 60c.; ⅛oz. $1.00; ¼oz. $1.75.
670. Purity. Fine white. Pkt. 20c.; 1/16oz. 75c.
671. Mixed. All colors. Pkt. 10c.; 1/16oz. 45c.; ⅛oz. 75c.

Asters A.

Asters provide the finest of long-stemmed cut-flowers during late summer and fall. They should be planted in a different location each year.

American Branching, Vick's Wilt-resistant Strain. Robust, branching plants, 2½ to 3 feet tall, bloom in early September. The large double flowers have fine form. Our Selected Stocks of them are the best money can buy.

672. Azure-Blue.
673. Crimson.
674. Purple (Dark Blue).
675. Shell-Pink (Mary Semple).
676. White.
677. Mixed.

Any of above Asters, pkt. 10c.; ⅛oz. 40c.; ¼oz. 75c.; oz. $2.00

CALIFORNIA GIANTS

Large full flowers of the Crego type with broad petals beautifully curled and interlaced. The 3-foot plants bloom from late summer until frost with 1½ to 2-foot stems.

678. Deep Rose.
679. Peach Blossom.
680. White.
681. Mixed.

Any of above Asters, pkt. 10c.; ⅛oz. 60c.; ¼oz. $1.00

682. California Sunshine. The 4 to 5-inch flowers have a single row of long narrow petals which contrast with the unique yellow center disc of quill-like petals, each tipped with a four-pointed star. Mixed colors. Pkt. 10c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.75.

683. El Monte. (Super-Giant.) The Super-Giants are the largest of Asters and El Monte is a beautiful specimen. The daintily interlaced crimson petals form a fluffy bloom 6 inches or more across. Plants are 2½ feet tall and bloom very early. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.85.

684. Heart of France. (Wilt-resistant.) The reddest of all red Asters. Medium-sized flowers of rich dark red. Blooms in late August on 1½ to 2-foot plants. Pkt. 10c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.85.

IMPROVED CREGO (Wilt-resistant)

The Crego is an Aster of truly beautiful form and this Improved Wilt-resistant type is a great advance. Strong, branching 2½-foot plants are generous with their splendidly formed flowers in mid-September.

685. Azure-Blue.
686. Crimson.
687. Pink.
688. Purple (Dark Blue).
689. White.
690. Mixed.

Any of above Asters, pkt. 10c.; ⅛oz. 40c.; ¼oz. 65c.; oz. $2.00

ALL PRICES ARE SUBJECT TO MARKET CHANGES

684. Aster, Heart of France Pkt 10c.

Aster, Wilt-Resistant Branching Pkt. 10c.

682. Aster, Giant California Sunshine Pkt. 10c.

Centaurea Cyanus (Bachelor's Button) Pkt. 10c.

696. Blue Lace Flower (Didiscus cærulea) Pkt. 10c.

729. Cosmos, Early Double Crested, Mixed Pkt. 10c.

Cosmos, Giant Early-flowering. Pkt. 10c.

709. Canterbury Bells, Annual Mixed. Pkt. 10c.

704. Calliopsis, Tall Single, Mixed. Pkt. 10c.

ASTERS (Wilt-Resistant), continued

691. SUPER-GIANT, LOS ANGELES. A lovely companion to El Monte, and practically a twin except for color which is dainty shell-pink. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25; ½oz. $2.15.

692. QUEEN OF THE MARKET, MIXED. Branching plants about 20 inches tall, bloom in early August. Double flowers on long stems. Pkt. 10c.; ⅛oz. 30c.; ¼oz. 50c.; oz. $1.60.

Balloon Vine

693. Love-in-a-Puff. A. An attractive, rapid-growing annual climber with white flowers followed by inflated seed-pods. Pkt. 10c.; ¼oz. 20c.; ½oz. 35c.; oz. 60c.

Double Balsam (Lady-Slipper) A.

An old favorite garden flower of easy culture. Bushy 2-foot plants bear masses of brilliantly colored flowers.

694. Camellia-flowered, Mixed. Crimson, pink, pale rose, lilac, lemon, and a host of other colors. Pkt. 10c.; ¼oz. 40c.; ½oz. 70c.; oz. $1.25.

Balsam Apple A.

695. Momordica Balsamina. A curious climbing vine with glossy green foliage and golden yellow, apple-shaped fruits. Pkt. 10c.; ¼oz. 25c.; ½oz. 45c.; oz. 75c.

Blue Lace Flower

696. Didiscus cærulea. Upright, 2-foot, branching plants, each branch ending in an umbrella-shaped head of sky-blue flowers. A splendid cut-flower, blooming from midsummer to frost. Pkt. 10c.; ⅛oz. 30c.; ¼oz. 50c.; ½oz. 85c.

Calendula (Pot-Marigold) A.

Free-branching 2-foot plants that do best in a cool location. A fine cut-flower.

697. Chrysantha. Large, double flowers of clear, buttercup-yellow with incurved petals. Closely resembles a chrysanthemum. Pkt. 10c.; ¼oz. 35c.; ½oz. 60c.

698. Lemon Queen. Double flowers of lemon-yellow. Pkt. 10c.; ¼oz. 25c.; ½oz. 40c.

699. Orange King. Rich orange-yellow; double. Pkt. 10c.; ¼oz. 25c.; ½oz. 40c.

700. Orange Shaggy. Interestingly different flowers of deep orange. The florets overlap each other in an irregular fashion so that the bloom looks like a shaggy chrysanthemum. Pkt. 10c.; ¼oz. 25c.; ½oz. 40c.

701. Radio. A type with quilled petals forming a globular flower. Color is warm deep yellow. Pkt. 10c.; ¼oz. 25c.; ½oz. 40c.

702. Double, Mixed. A fine mixture of yellow and orange shades. Pkt. 10c.; ¼oz. 20c.; ½oz. 35c.

Calliopsis A.

An easy-growing annual with long-stemmed yellow flowers for cutting. 2 ft.

703. Golden Crown. A semi-double flower of rich yellow with a maroon center. They are fragrant, too. Pkt. 10c.; ¼oz. 30c.; ½oz. 50c.; oz. 90c.

704. Tall Single, Mixed. Lovely Daisies in shades of yellow. A desirable cut-flower. Pkt. 10c.; ¼oz. 20c.; ½oz. 35c.; oz. 65c.

Candytuft (Iberis) A., P., R-G.

Desirable and dependable annuals and perennials for the front of the border and rock-gardens. Easy to grow.

705. Giant Hyacinth-flowered. A. Plants to 1½ feet tall with enormous trusses of snow-white flowers. A popular florists' variety. Pkt. 10c.; ¼oz. 40c.; ½oz. 60c.

706. Dwarf Hybrids, Mixed. A. Large flowers of rose, salmon, coral, pink and lilac. Splendid bedding plants. Pkt. 10c.; ½oz. 40c.; oz. 75c.

707. Gibraltarica. P. Lovely little evergreen bushes hardly a foot tall with lilac flowers shading to white. A fine rock-garden ornament. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75.

ALL PRICES SUBJECT TO MARKET CHANGES

Canterbury Bells A., B.

708. Campanula medium, Single, Mixed. B. Beautiful bell-like flowers of blue, pink, and white in early summer. A splendid border plant. 2 ft. Pkt. 10c.; ¼oz. 40c.; ½oz. 75c.

709. Annual Canterbury Bells, Mixed. A. Blooms in less than 5 months after sowing and by successive plantings one can have Canterbury Bells right up to frost. A mixture of various shades of blue, pink, rose, and white. 2 ft. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00.

Centaurea Cyanus

(Bachelor's Button; Cornflower; Ragged Robin, etc.) A.

Splendid annuals for cutting. They bloom all summer and fall and are easy to grow.

710. Double Blue. Deep blue. 2 ft.
711. Pinkie. Double; deep pink. 2 ft.
712. Red Boy. Double; red. 2 ft.
713. Double, Mixed. All colors. 2 ft.

Any of above Centaureas, pkt. 10c.; ⅛oz. 40c.; oz. 65c.

714. Jubilee Gem. Dwarf, compact plant only 10 to 15 inches tall. Dark cornflower-blue flowers in profusion. A splendid bedder. Pkt. 10c.; ⅛oz. 30c.; ¼oz. 50c.; ½oz. 85c.

Carnation A.

715. Marguerite, Double, Mixed. Blooms in about 5 months from time seed is planted. Fragrant, double white, pink, crimson, and striped flowers. Pkt. 10c.; ¼oz. 40c.; ⅛oz. 60c.; ¼oz. 90c.

Cardinal Climber A.

716. Quamoclit Sloteri. A rapid-growing vine to 30 feet with fern-like foliage and a profusion of 1½-inch flowers of fiery cardinal-red from midsummer until frost. Pkt. 15c.; ¼oz. 40c.; ⅛oz. 65c.

Celosia A.

The Cockscombs and Woolflowers are spectacular annuals especially desirable to dry for winter.

717. Cockscomb, Mixed (*Celosia cristata*). Dwarf, leafy plants with immense combs in shades of red, pink, and yellow. Cut before they are fully mature for drying. Pkt. 10c.; ⅛oz. 35c.; ¼oz. 65c.

718. Chinese Woolflower (*C. Cbildsi*). Two-foot plants, each branch tipped with a flower-head resembling a ball of bright red wool. Pkt. 10c.; ⅛oz. 35c.; ¼oz. 60c.

Cheiranthus P.

719. Allioni (Siberian Wallflower). The seed of this hardy plant can be sown at any time of year. Spring-sown seed will bloom the first year. The 1-foot plants bear bright orange flowers in profusion. Pkt. 10c.; ½oz. 40c.; oz. 75c.

Chrysanthemum A.

720. Carinatum, Mixed (Tricolor Chrysanthemum). Gorgeous single flowers on long stiff stems. Blooms during late summer and fall. Pkt. 10c.; ½oz. 35c.; oz. 65c.

Clarkia A.

721. Elegans, Double, Mixed. An easy-growing annual with lovely flowers in a wide range of attractive colors. Likes some shade. Opens nicely when cut in bud stage. 2 ft. Pkt. 10c.; ⅛oz. 35c.; ¼oz. 60c.

Cobaea A.

722. Scandens (Cup-and-Saucer Vine). Lovely bell-shaped blue flowers, changing to lilac, on a strong-growing, prolific-blooming vine. Seeds should be planted edgewise. Pkt. 10c.; ⅛oz. 25c.; ¼oz. 35c.

Coleus P.

A foliage plant much used as a pot-plant for the house and during summer provides color for window-boxes and beds.

723. Rainbow Mixture. A true rainbow of color in a few plants. Pkt. 25c.

Coreopsis P.

A long-stemmed yellow flower in demand for cutting. Grows 2 feet tall and seeds itself if not kept cut.

724. Grandiflora, Double Sunburst. Double flowers, 2 inches in diameter, from June to October. A fine bedder for color as well as to cut. Pkt. 10c.; ¼oz. 45c.; ½oz. 75 cts.

699. Calendula, Orange King
Pkt. 10c.

The Everlastings

Have you grown any of these lately? Don't forget they are splendid to use as fresh flowers as well as when dried for winter. Look up Celosia, Gomphrena, Gypsophila, Helichrysum, Lunaria, and Statice.

721. Clarkia elegans, Double, Mixed. Pkt. 10c.

705. Candytuft, Giant Hyacinth-flowered. Pkt. 10c.

737. Dahlias, Unwin's Dwarf Hybrids. Pkt. 10c.

765. Gourds, Mixed
Pkt. 10c.

758. Gaillardia, Annual, Mixed. Pkt. 10c.

753. Euphorbia variegata
Pkt. 10c.

762. Gilia capitata. Pkt. 10c.

757. Gaillardia, Indian Chief. Pkt. 15c.

813. Nemesia, Mixed. Pkt. 15c.

790. Linum perenne. Pkt. 10c.

Cosmos A.

Tall, branching plants producing very desirable long-stemmed flowers for cutting.

EARLY-FLOWERING TYPES

Giant Early-Flowering. The 3-foot plants bloom from July to frost with 3-inch flowers.

725. Crimson.
726. Pink.
727. White.
728. Mixed.

Any of above Cosmos, pkt. 10c.; ½oz. 45c.; oz. 85c.

729. Early Double Crested, Mixed. Double or Anemone-flowered, beginning to bloom in July. 2½ ft. Pkt. 10c.; $\frac{1}{16}$oz. 30c.; ⅛oz. 50c.; ¼oz. 90c.

730. Klondyke, Orange Flare. The 2½-foot plants bloom in less than 4 months, with single orange flowers. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.

731. Sensation, Finest Mixed. The 4-foot plants bloom in 10 weeks from seed, with great 4 to 5-inch single flowers in all the Cosmos colors. Pkt. 10c.; ¼oz. 50c.; ½oz. 85c.

LATE-FLOWERING TYPES

732. Late Double Crested. Flowers are like those of the Early Crested but plants are 4 feet tall and they do not bloom until later. Pkt. 10c.; ⅛oz. 45c.; ¼oz. 75c.; ½oz. $1.25.

733. Late Mammoth Single, Mixed. Sown early in spring, these produce tall plants blooming all fall until frost. Pkt. 10c.; ½oz. 35c.; oz. 65c.; ¼lb. $1.75.

Cynoglossum A.

734. Amabile (Chinese Forget-me-not). A fine bedding plant with fragrant, forget-me-not-like flowers which are good for cutting. 1½ ft. Pkt. 10c.; ¼oz. 30c.; ½oz. 60c.

Cypress Vine (Ipomoea Quamoclit) A.

735. Mixed. A fast-growing vine to 15 feet. Attractive fern-like foliage. Seeds are hard and should be soaked in warm water before planting. White and shades of red. Pkt. 10c.; ⅛oz. 45c.; ¼oz. 75c.

Dahlia A.

Raising Dahlias from seed is an adventure, as every plant will produce different flowers and there will be several from each packet of seeds that you will want to carry over to next year.

736. Exhibition Strain, Mixed. A mixture of Cactus, Decorative, and Peony types. Pkt. 25c.

737. Unwin's Dwarf Hybrids. Plants 1½ to 2 feet tall with 3-inch semi-double flowers from July on in a wide range of colors. Pkt. 10c.; ⅛oz. 50c.

Daisies P.

738. Double English, Mixed (*Bellis perennis*). R-G. Lovely double flowers in profusion in early spring on low plants. Will need protection over winter. Pkt. 25c.

739. Shasta Daisy, Alaska. The 2-foot plants bear large white Daisies about 5 inches across. They are splendid long-lasting cut-flowers. Blooms all summer. Pkt. 10c.; ⅛oz. 35c.; ¼oz. 60c.

Delphinium P.

One of the finest groups of garden flowers. The hybrids furnish long spikes of showy flowers for exhibition and the others splendid cut-flower material for mixed bouquets.

740. Belladonna. Clear turquoise-blue flowers on branching 5-foot plants. The everblooming Delphinium. Pkt. 15c.; $\frac{1}{16}$oz. 40c.; ⅛oz. 75c.; ¼oz. $1.25.

741. Bellamosum. A dark blue form of the above. Pkt. 15c.; $\frac{1}{16}$oz. 40c.; ⅛oz. 75c.; ¼oz. $1.25.

742. Chinensis, Mixed. R-G. Although a perennial, this will bloom in August from early spring planting. A nice border plant and good for cutting. Pkt. 10c.; ¼oz. 45c.; ½oz. 85c.; oz. $1.50.

743. Gold Medal Hybrids. A mixture of tall, large-flowering varieties. Long spikes in shades of blue make this a good background plant. 4 to 6 ft. Pkt. 10c.; $\frac{1}{16}$oz. 30c.; ⅛oz. 50c.; ¼oz. 90c.

744. Pacific Hybrids, Mixed. Delphinium lovers pronounce these the finest Delphinium grown. They are truly giants, usually 6 feet or more, with strong stems and spikes of lovely flowers as large as a silver dollar. Plants are practically immune to mildew and are the healthiest Delphinium we have seen. All the Delphinium colors will be found in this mixture. Pkt. 50c.; ½oz. $1.00; $\frac{1}{16}$oz. $1.75.

ALL PRICES SUBJECT TO MARKET CHANGES

Dianthus (Pinks) A., P., R-G.

Brilliant flowers all summer and fall. Most varieties are about a foot tall, are splendid bed and border plants, fine rock-garden specimens and desirable for cutting.

745. Annual Pinks, Double, Mixed. A. Lovely fringed flowers of all colors. Pkt. 10c.; ¼oz. 40c.; ½oz. 75c.

746. Annual Pinks, Single, Mixed. A. Large flowers 2 to 3 inches across, brilliantly colored and delightfully cut and fringed. Pkt. 10c.; ¼oz. 40c.; ½oz. 75c.; oz. $1.25.

747. Plumarius (Pheasant's Eye). P. Single, fringed, clove-scented flowers of pink and white in great profusion during May and June. Low, spreading plants. Pkt. 10c.; ½oz. $1.00.

Digitalis (Foxglove) B.

748. Gloxiniæflora, Shirley Hybrids. Plants 3 to 4 feet high with long spikes of tubular, thimble-like flowers of various colors. The "thimbles" are heavily spotted inside. Pkt. 10c.; ⅛oz. 50c.; ¼oz. 85c.; ½oz. $1.50.

Dimorphotheca aurantiaca (African Daisy) A.

749. Golden West. The 2½-inch golden flowers have a dark disk and halo. Nice cut-flowers. They need a dry, sunny location and bloom most of the summer and fall. 15 in. Pkt. 10c.; ⅛oz. 50c.; ¼oz. 85c.; ½oz. $1.50.

Dusty Miller A.
(Cineraria maritima candidissima)

750. Attractive silvery green laciniated foliage. Fine for edging borders and in hanging-baskets. Pkt. 15c.; 1/16oz. 50c.; ⅛oz. 90c.

Eschscholtzia (California Poppy) A., R-G.

Easily-grown annuals to be sown where they are to remain and thin to stand 12 inches apart. Do not try to transplant them. Plants are low and spreading, with fine-cut foliage. Blooms all summer.

751. Golden West. Bright yellow flowers with orange centers.

752. Mixed. A wide range of colors including shades of crimson, pink, and orange-scarlet.

Any of above Eschscholtzia, pkt. 10c.; ¼oz. 30c.

Euphorbia A., R-G.

753. Variegata (Snow-on-the-Mountain). Plants grow to 2 feet and have green foliage margined with white. A popular border plant. Pkt. 10c.; ½oz. 40c.; oz. 75c.

Feverfew P.

754. Alba plenissima. Two-foot plants with dark cut foliage and small, double, white flowers on good cutting stems. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00.

Forget-Me-Not P., R-G.

755. Myosotis alpestris. A lovely April-blooming, dwarf plant with blue flowers, useful for carpeting and planting among tulips. Prefers moist soil. Pkt. 15c.; 1/16oz. 60c.

Four o'Clock (Marvel of Peru) A.

756. Mirabilis Jalapa. Bushy plants to 2½ feet with myriads of red, yellow or white flowers. They get their name from the fact that the flowers open at about 4 P.M. standard time. Pkt. 10c.; oz. 50c.

Gaillardia (Blanket Flower) A., P.

Border and bedding plants with showy flowers useful for cutting. They bloom from early summer into fall.

757. Indian Chief. A. Single, bronzy red flowers. A lovely cut-flower. Pkt. 15c.; ¼oz. 45c.

758. Annual, Mixed. A. A fine mixture with reds and yellows predominating. Pkt. 10c.; ¼oz. 45c.; ½oz. 85c.

759. The Dazzler. P. Large flowers of dark red with orange petal-tips. Striking. Pkt. 10c.; ⅛oz. 40c.

760. Grandiflora, Mixed. P. Lovely single flowers with centers of shades of red and the outer petals yellow. Will bloom first year if planted early. Pkt. 10c.; ¼oz. 45c.

Geranium zonale P.

761. Mixed. Treated as an annual when planted from seed as a garden plant but plants can be lifted and carried over winter indoors. Seed saved from choice varieties. Crop failure.

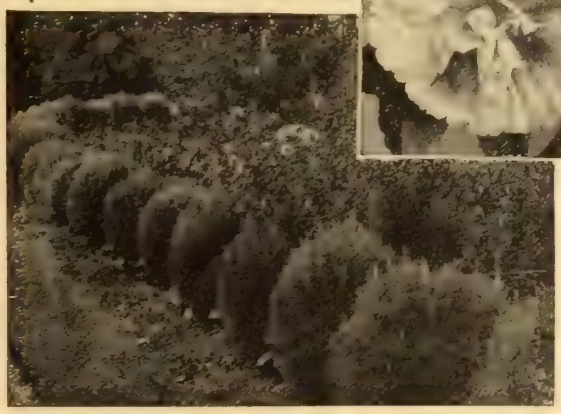
766. Gypsophila elegans alba grandiflora. Pkt. 10c.

767. Helichrysum, Finest Mixed Pkt. 10c.

792. Lobelia, Compact, Dwarf, Mixed. Pkt. 15c.

775. Hollyhock Indian Spring Pkt. 15c.

778. Kochia Childsi. Pkt. 10c.



Fragrance

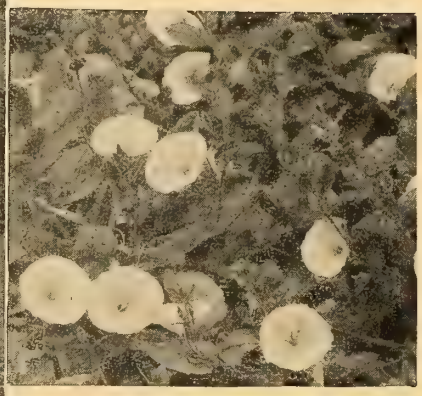
Do you grow flowers just to look at, or must they smell good, too? Mignonette with its unforgettable sweetness is not much to look at,—it would soon disappear from gardens if it should lose its fragrance,—while Heliotrope, another wonderfully fragrant flower, pleases as well with its beauty.

Increase your garden pleasure by studying your flowers and grow for fragrance as well as beauty.

794. Lupinus
Russell Strain, Mixed
Pkt. 15c.

782. Larkspur,
Double Giant
Imperial, Mixed
Pkt. 10c.

808. Morning-Glory, Heavenly Blue,
Clark's Variety
Pkt. 10c.



810. Moonflower. Pkt. 10c.

Morning-Glories

The Morning-Glories and Moonflowers are another group which will not do their best in rich soil. Soak the hard seeds before planting in unfertilized ground.

Gilia A.

762. Capitata. A splendid annual about 2 feet tall with lovely lavender-blue flowers. Pkt. 10c.; ¼oz. 35c.; ½oz. 60c.

Godetia (Satin Flower) A.

763. Tall Double Varieties, Mixed. Beautiful annuals with showy flowers of satiny texture. Prefers cool location. Often grown as a winter house plant. All the Godetia colors. Pkt. 10c.; ¼oz. 40c.; ½oz. 75c.

Gomphrena A.

764. Globosa rubra (Globe Amaranth). One of the everlastings, called Bachelor's Button in some sections. Attractive, red, clover-like heads which are usually dried for winter bouquets. Pkt. 10c.; ¼oz. 35c.; ½oz. 65c.; oz. $1.00.

Gourds A.

765. Mixed. Rapid-growing vines with variously shaped fruits which are dried and used as ornaments (a few have utilitarian value). A mixture of many interesting types. Pkt. 10c.; oz. 50c.; ¼lb. $1.25.

Gypsophila (Baby's Breath) A.

The 2-foot plants bear a cloudy mass of tiny white flowers. Grown to cut and use with other cut-flowers.

766. Elegans alba grandiflora, Covent Garden Market Reselected. An improved giant pure white, unsurpassed as to size and form of bloom. Pkt. 10c.; ½oz. 25c.; oz. 40c.

Helichrysum (Strawflower) A.

767. Finest Mixed. The best of the so-called Everlastings used as dried flowers for winter decorations. The brightly colored flowers make fine displays when grown in beds. Double flowers in all the desirable colors. 2½ ft. Pkt. 10c.; ¼oz. 50c.; ½oz. 85c.

Heliotrope A.

768. Select Hybrid, Mixed. Tender plants which will not stand cold. Start seed indoors and do not move to garden until weather is warm. Large heads of delightfully fragrant flowers. Pkt. 15c.; $\frac{1}{32}$oz. 30c.; $\frac{1}{16}$oz. 50c.; ⅛oz. 85c.

Hibiscus P.

769. Mallow Marvels, Mixed. Strong shrub-like plants, 5 to 8 feet tall, with huge single flowers 6 to 8 inches across of pink, white and red. Blooms from June to September. Pkt. 10c.; ⅛oz. 25c.; ¼oz. 45c.

Hollyhocks A., P.

Favorite background plants, 6 to 7 feet tall, thriving almost anywhere and blooming during August and September. The new annual varieties do not grow so tall.

DOUBLE PERENNIAL VARIETIES

770. Crimson.
771. Salmon.
772. Maroon.
773. Yellow.

Any of above Hollyhocks, pkt. 15c.; $\frac{1}{16}$oz. 35c.; ⅛oz. 50c.; ¼oz. 75c.

774. Mixed. Pkt. 10c.; ⅛oz. 40c.; ¼oz. 75c.

775. Indian Spring. A. If sown very early this will give splendid bloom. Plants grow about 4 to 5 feet and bear lovely semi-double and double fringed flowers in shades of pink. Pkt. 15c.; ⅛oz. 40c.; ¼oz. 65c.

Hyacinth Bean A.

776. Dolichos. A decorative vine to 10 feet with white or purple flowers followed by ornamental seed-pods. Silvery pods follow the white flowers and ruby-purple pods the purple flowers. Pkt. 10c.; oz. 25c.; 2 ozs. 45c.

Job's Tears P.

777. Coix Lacryma-Jobi. An ornamental grass to 4 feet with broad corn-like leaves and curious lead-colored seeds often used as beads. This is a perennial but, not being hardy in the North, is usually grown as an annual. Pkt. 10c.; oz. 25c.; ¼lb. 65c.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

Kochia A.

778. Childsi (Burning Bush; Summer Cypress). Pyramidal bush 2½ feet high, with feathery light green foliage which turns crimson in early autumn. Flowers are unimportant but plants make a lovely hedge. Pkt. 10c.; ½oz. 25c.; oz. 40c.

Kudzu Vine P.

779. Pueraria Thunbergiana. A remarkable vine which in good soil will grow a foot a day until it reaches 50 feet or more. Fragrant purple flowers in late summer are followed by hairy seed-pods. Crop failure.

Lantana A.

780. Dwarf Hybrids, Mixed. A splendid bedding plant; verbena-like heads of colorful flowers all summer. Also a splendid pot-plant for the house. Good mixture of colors. Pkt. 10c.; ⅛oz. 45c.; ¼oz. 75c.

Larkspur A.

DOUBLE GIANT IMPERIAL

A base-branching type growing 3 to 4 feet tall and providing long-stemmed spikes of double flowers for cutting.

781. Blue Bell. A fine medium blue between lilac and sky-blue. A beautiful Larkspur.
782. Mixed. Good mixture of colors.

Any of the above Larkspurs, pkt. 10c.; ¼oz. 50c.; ½oz. 85c.

TALL DOUBLE STOCK-FLOWERED

Plants 3 to 4 feet high with long spikes of double flowers. Fine for garden color and cutting.

783. Azure-Blue.
784. Dark Blue.
785. Lilac.
786. Scarlet-Rose.
787. White.

Any of above Larkspurs, pkt. 10c.; ¼oz. 40c.; ½oz. 75c.; oz. $1.25

788. Mixed. Pkt. 10c.; ¼oz. 35c.; ½oz. 60c.; oz. $1.00.

Lathyrus P.

789. Latifolius, Mixed (Everlasting or Perennial Pea). Hardy perennial climber growing to 8 feet and getting better every year. Blooms are not fragrant but make good cut-flowers in early spring. Good range of colors. Pkt. 10c.; ⅛oz. 25c.; ¼oz. 40c.; ½oz. 75c.

Linum P., R-G.

790. Perenne. Dainty sky-blue flowers on 1½-foot plants from May to August. Pkt. 10c.; ½oz. 40c.; oz. 75c.

Linaria (Toadflax) A., R-G.

791. Maroccana Hybrids. Miniature snapdragon-like flowers in bright and pastel shades on 12 to 18-inch plants. Also makes a nice pot-plant. Pkt. 10c.; ¼oz. 35c.; ½oz. 65c.

Lobelia A., R-G.

792. Compact and Dwarf Mixture. This mixture is made up of varieties especially desirable for edging, rock-gardens, window-boxes, hanging-baskets and winter house-plants. The plants, to 6 inches high, bear lovely little flowers in shades of blue. Pkt. 15c.; 1/16oz. 45c.; ⅛oz. 75c.; ¼oz. $1.35.

Lunaria B.

793. Annua (Honesty; Money Plant). Bushy plants, 1½ to 2 feet tall, bear lilac-purple flowers in profusion followed by silvery seed-pods desirable for winter bouquets. Pkt. 10c.; ⅛oz. 35c.; ¼oz. 65c.

Lupinus P.

794. Russell Strain, Mixed. Plants 2 to 4 feet, with long spikes of flowers resembling sweet peas. An excellent garden decorative and cut-flower. Should be sown where plants are to stand as they do not transplant well. Good mixture of colors. Pkt. 15c.; 1/16oz. 45c.; ⅛oz. 75c.; ¼oz. $1.25.

Mignonette (Reseda odorata) A.

An old-fashioned flower loved for its exquisite fragrance and should be in every garden. Does best in cool weather and a second planting should be made in August for autumn bloom. Sow where it is to grow.

795. Machet. Plants 12 inches high with reddish flowers of extra sweetness. Pkt. 10c.; ½oz. 60c.; oz. $1.00.

803. Marigold, Dwarf Double French, Mixed Pkt. 10c.

806. Marigold, Yellow Supreme Pkt. 10c.

800. Marigold, Harmony Pkt. 10c.

798. Marigold, Flash All-America Winner Pkt. 25c.

Marigolds

Like Petunias and Zinnias, the Marigold is another annual family with members for many uses.

For rich yellows and oranges the Marigolds are unsurpassed, and a bed of one variety of the dwarf French type of the Harmony group provides color in mass over a long period with little care, while the tall varieties furnish long-stemmed flowers to cut.

795. Mignonette, Machet
Pkt. 10c.

816. Nicotiana Hybrids, Mixed
Pkt. 10c.

817. Nasturtiums,
Golden Globe
Pkt. 10c.

754. Feverfew Pkt. 10c.

755. Forget-me-not.
Pkt. 15c.

814. Nemophila, Mixed
Pkt. 10c.

Marigolds A.

Favorite annuals thriving in almost any ground and providing quantities of bloom for garden color and long-lasting flowers to cut.

796. Crown of Gold. Bright golden orange flowers 2½ inches across. Short quilled center petals are surrounded by flat guard petals. Fragrant. 2½ ft. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00.

797. Ferdinand. Two-foot plants with single flowers having a crested center of golden yellow surrounded by a row of broad mahogany-red petals. An excellent cut-flower. Pkt. 15c.; ¼oz. 50c.; ½oz. 85c.

798. Flash. *All-America Winner.* (Held for 1945 introduction.) A new single French Marigold. In most of the flowers a base color of tangerine is overlaid or marked with rich marigold-red. In cool weather, this velvety red predominates in the youngest flowers, while in hot weather the tangerine prevails. Individual flowers 1¾ inches and more across are produced in ten weeks from seed, and the plants bloom profusely until frost. Strong, medium-length stems recommend the flowers for cutting. Plants perfectly uniform and compact in habit of growth averaging 18 inches in height and 24 to 30 inches in spread. Finely cut foliage has good color and quality. Pkt. 25c.; ⅛oz. 90c.; ¼oz. $1.50.

799. Gigantea, Sunset Giants. Great 5 to 6-inch fragrant, double flowers in shades of orange, yellow, lemon and primrose. Strong 3-foot plants. Pkt. 10c.; ⅛oz. 35c.; ¼oz. 65c.; ½oz. $1.00.

800. Harmony. Beautiful scabiosa-shaped, double flowers of deep orange with a collar of maroon petals. Plants grow about a foot tall and bloom freely, making it an ideal bedding variety for garden color, for spots in the border and for cutting. Pkt. 10c.; ¼oz. 50c.; ½oz. 85c.

801. Sunrise. An early-blooming form of Dixie Sunshine. Dazzling golden yellow ball-shaped blooms on 3-foot bushy plants. Gives a long season of bloom. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 75c.

802. Yellow Pygmy. One-inch flowers of light lemon-yellow on 8-inch plants. Pkt. 15c.; ¼oz. 50c.; ½oz. 85c.

803. Dwarf Double French, Mixed. Splendid free-blooming bedding type about a foot tall. A real treasure. Pkt. 10c.; ¼oz. 35c.; ½oz. 60c.

TALL AFRICAN DOUBLE VARIETIES

Well-known varieties of the Tall Africans growing 2½ to 3 feet tall and providing quantities of long-stemmed flowers for cutting.

804. Lemon Ball. Pure canary-gold. Pkt. 10c.; ⅛oz. 30c.; ¼oz. 50c.; ½oz. 90c.

805. Orange Ball. Orange-yellow. Pkt. 10c.; ⅛oz. 30c.; ¼oz. 50c.; ½oz. 90c.

806. Yellow Supreme. Lemon-yellow. Honey fragrance. Pkt. 10c.; ⅛oz. 30c.; ¼oz. 50c.; ½oz. 90c.

807. Mixed. Tall; doubles. Pkt. 10c.; ¼oz. 45c.; ½oz. 85c.; oz. $1.50.

Morning-Glory (Ipomoea) A.

Vigorous vines with lovely large flowers open in early morning and all day during cloudy days. Plant in poor soil for best bloom. Soak or file seeds for good germination.

808. Heavenly Blue, Clark's Variety. An early-blooming variety with very large flowers. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.25.

809. Imperial, Mixed. Large flowers of many colors. Pkt. 10c.; ½oz. 40c.; oz. 75c.; ¼lb. $2.00.

810. Moonflower. Large white flowers open at night and during cloudy days. Strong growth with dense foliage. Pkt. 10c.; ½oz. 35c.; oz. 60c.; ¼lb. $1.90.

811. Pearly Gates. Silver Medal, 1942 All-America Selections. A sport of Clark's Heavenly Blue, identical except in color which is satiny white with a creamy throat. Pkt. 15c.; ⅛oz. 35c.; ¼oz. 60c.; ½oz. $1.00.

812. Scarlett O'Hara. Gold Medal, 1939 All-America Selections. An early variety blooming in about 65 days from seed. The 3½-inch flowers are dark wine-red. A strong-growing plant. Pkt. 10c.; ¼oz. 40c.; ½oz. 75c.

Nemesia A.

813. Mixed. Excellent bedding plants to 1 foot high with attractive flowers in a wide range of colors. Pkt. 15c.; $\frac{1}{16}$oz. 75c.; ⅛oz. $1.25.

Nemophila A.

814. Mixed. Bright light blue flowers on 8-inch plants. Makes a nice bed. Pkt. 10c.; ¼oz. 40c.; ½oz. 60c.

Nicotiana (Flowering Tobacco) A.

815. Affinis. Fragrant, star-shaped, pure white flowers all summer and fall. 2 to 3 ft. Pkt. 10c.; ¼oz. 35c.

816. Hybrids, Mixed. Showy 2 to 3-foot plants with fragrant flowers in a variety of colors. Pkt. 10c.; ¼oz. 35c.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

Nasturtiums A.

Lovely annuals thriving on poor sandy soil and coming into bloom within a few weeks after sowing. Keep plants free of black aphis by spraying with Black-Leaf 40 or one of the aphis destroyers listed in the Catalogue. The green seeds are used for peppery pickles.

DWARF VARIETIES. 1 ft.

817. Golden Globe. Compact little plants with semi-double, fragrant flowers of bright golden yellow. Pkt. 10c.; ½oz. 25c.; oz. 45c.

818. Gem Mixture. Sweet-scented, semi-double flowers in a fine mixture of light and dark colors. Compact, dwarf plants. Pkt. 10c.; ½oz. 25c.; oz. 45c.

819. Single, Mixed. Splendid mixture of truly dwarf singles. A good companion to the Gem Mixture of semi-doubles. Pkt. 10c.; oz. 30c.; ¼lb. $1.00.

SEMI-DWARF VARIETIES. 1½ ft.

820. Golden Gleam. Large, golden yellow, semi-double, sweetly scented flowers on bushy plants with short runners. Pkt. 10c.; ½oz. 25c.; oz. 45c.

821. Scarlet Gleam. Fiery orange-scarlet, semi-double flowers to 3 inches across. Fine plants. Pkt. 10c.; ½oz. 25c.; oz. 45c.

822. Gleam Hybrids. A mixture of all the Gleam varieties. Large flowers on good plants. Pkt. 10c.; ½oz. 25c.; oz. 45c.

TALL VARIETY

823. Tall, Mixed. The 8 to 10-foot runners which can be trained to fences and trellises or spread over walls, etc. A wide range of colors. Pkt. 10c.; oz. 30c.; ¼lb. $1.00.

Nierembergia A

824. Purple Robe. Bronze Medal, 1942 All-America Selections. Cushion-like mats covered with lovely violet-blue, cup-shaped flowers. A perennial in mild climates. Pkt. 25c.; ¼oz. $1.00.

Pansies A., R-G.

Pansies may be sown in August or September for early bloom the following spring or may be planted early in the spring for later bloom. Planting twice a year in this manner provides Pansies during most of the growing season. Seedlings from the late summer and fall planting should have some winter protection.

825. Coronation Gold. Large, golden yellow, round flowers with lightly ruffled edges. They have a spicy fragrance and are generously produced on stocky plants. Pkt. 35c.; ⅛oz. $1.50; ¼oz. $2.75.

826. Giant Trimardeau, Mixed. This mixture has a wide range of colors and the large flowers have delightfully marked faces. Pkt. 15c.; ⅛oz. 60c.; ⅛oz. $1.00; ¼oz. $1.50; oz. $5.00.

827. Roggli Swiss Giants. Extremely large flowers of heavy texture and rich dark colors places this strain in front rank. Long, strong stems hold the flowers well above the foliage. Pkt. 35c.; ⅛oz. $1.25; ⅛oz. $2.25; ¼oz. $3.50.

828. Super Maple Leaf Giants Mixed. The largest-flowered strain. Many blooms will measure over 5 inches across and the average is above 4 inches. This is a special selected strain with flowers perfectly round in shape and of a velvety texture. Colors tend to the darker shades and plants are compact, yet husky growers, having luxurious dark green foliage and large leaves. Pkt. 35c.; ⅛oz. $1.25; ⅛oz. $2.25; ¼oz. $3.50.

Petunias A.

Truly everybody's flower. They are easy to grow and from early summer until frost they provide color in quantity. For bedding, for the border, window-box or potting, they are unsurpassed. There are many types of both plant and flower. All are beautiful; some of the new large-flowered varieties are sensational.

LARGE-FLOWERED RUFFLED VARIETIES

829. Dwarf Giants of California, Dark Shades. Dwarf, sturdy plants especially suited to pot-culture. Flowers are beautifully ruffled and fringed. Pkt. 25c.; ⅛oz. $1.75.

830. Giants of California Ruffled, Mixed. A well-balanced mixture of large fringed and ruffled flowers of light and dark colors, including pink and rose shades with attractive throats. Pkt. 25c.; ⅛oz. $1.75.

831. Glamour. (Giants of California.) Honorable Mention, 1942 All-America Selections. A glorious giant ruffled flower of soft salmon-rose, veined with brown in the creamy throat. Strong plants which really bloom. Pkt. 50c.; ⅛oz. $2.50

832. Martha Washington. (Fancy Nana Compacta.) Large 3-inch ruffled flowers of blush-pink, the center veined with wine-red deepening to violet. Dwarf, compact plants less than a foot high. Pkt. 25c.; ⅛oz. $1.25.

827. Pansy, Roggli Swiss Giants Pkt. 35c.

841. Petunia, Rosy Morn Pkt. 10c

843. Petunia, Topaz Rose Pkt 15c.

839. Petunia, Single Dwarf Bedding, Igloo. 1943 All-America Winner. Pkt. 25c.

829. Petunia, Dwarf Giant Fringed, Mixed. Pkt. 25c.

851. Phlox Drummondi gigantea, Art Shades. Pkt. 15c.

830. Petunia, Giants of California, Ruffled, Mixed. Pkt. 25c.

PETUNIAS

The Petunia is another of those important annuals of many uses. There are the large-flowered doubles so fine when grown in pots; the Balcony type, lovely in a hanging-basket or when drooping over the side of a window-box or garden urn. There are compact little bush kinds which look well at the edge of borders, while all types are delightful when planted in solid beds for masses of color.

Every garden needs lots of Petunias.

SINGLE LARGE-FLOWERED PLAIN-EDGED PETUNIAS

833. **Elk's Pride.** (Grandiflora.) Large flowers of deep royal purple. 12 to 16 inches high. Pkt. 25c.; $\frac{1}{64}$oz. $1.75.

834. **Flaming Velvet.** (Hybrida.) The 18-inch plants have velvety red-blood single flowers. Pkt. 15c.; ⅛oz. 75c.; ⅛oz. $1.25.

835. **Giant-flowered, Mixed.** A mixture of large-flowering single varieties providing a splendid assortment of colors. Pkt. 10c.; ⅛oz. 75c.; ¼oz. $1.25.

836. **Purple Prince.** (Grandiflora.) Clear purple-violet. Pkt. 20c.; $\frac{1}{64}$oz. $1.50; $\frac{1}{32}$oz. $2.50.

SINGLE SMALL-FLOWERED VARIETIES

837. **Cream Star.** (Hybrida Nana Compacta.) Silver Medal, All-America Selections. Dainty cream-white flowers marked with a deeper cream star. Compact 8 to 10-inch plants hide themselves under their masses of bloom. Pkt. 25c.; ⅛oz. 75c.; ⅛oz. $1.25.

838. **Hollywood Star.** (Hybrida.) Silver Medal 1939 All-America Selections. Five-pointed stars of rose-pink with creamy throats. Plants grow about 18 inches high. Distinct. Pkt. 15c.; ⅛oz. 50c.; ⅛oz. 85c.; ¼oz. $1.50.

839. **Igloo.** Bronze Medal, 1943 All-America Selections. Compact 12-inch plants which cover themselves with 1½-inch creamy white single flowers all season. A great new Petunia. Pkt. 25c.; $\frac{1}{16}$oz. $1.00; ⅛oz. $1.75.

840. **Rose of Heaven.** (Hybrida Nana Compacta.) Brilliant rose; 12-inch plants. Pkt. 10c.; ⅛oz. 50c.; ⅛oz. 85c.

841. **Rosy Morn.** (Hybrida Nana Compacta.) Rose with white throats on 12-inch plants. Pkt. 10c.; ⅛oz. 45c.; ⅛oz. 75c.; ¼oz. $1.25.

842. **Snow Queen.** (Hybrida Nana Compacta.) Snow-white flowers on 12-inch plants. Pkt. 10c.; ⅛oz. 45c.; ⅛oz. 75c.; ¼oz. $1.25.

843. **Topaz Rose.** (Hybrida.) The 1½-foot plants bloom freely with flowers of fiery rose, suffused with gold. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25.

844. **De Luxe Bedding Mixture.** An outstanding mixture of the largest-flowered varieties in the hybrid group. Pkt. 15c.; ⅛oz. 50c.; ⅛oz. 85c.; ¼oz. $1.50.

MINIATURE VARIETIES

845. **Pink Gem.** (Dwarf Miniature.) Six-inch plants with 2-inch flowers of deep pink. Pkt. 10c.; ⅛oz. 75c.

846. **Rose Gem.** (Dwarf Miniature.) Six-inch plants with bright rose flowers. Pkt. 15c.; ⅛oz. 75c.; ⅛oz. $1.25.

BALCONY TYPES

Large, single flowers. Plants of trailing habit with 1½ to 2-foot runners.

847. **Balcony, Blue.**
848. **Balcony, Crimson.**
849. **Balcony, White.**
850. **Balcony, Mixed.**

Any of above Balcony Petunias, pkt. 15c.; $\frac{1}{16}$oz. 75c.; ⅛oz. $1.25

Phlox Drummondi

Branching plants 12 to 18 inches tall, bearing heads of colorful bloom a few weeks after sowing seed.

851. **Gigantea, Art Shades.** Strong 18-inch plants with flowers 1½ inches across in soft shades. Free bloom.

852. **Gigantea, Salmon Glory.** Deep salmon with cream eye.

Any above Phlox, pkt. 15c.; $\frac{1}{16}$oz. 50c.; ⅛oz. 90c. ¼oz. $1.50

853. **Grandiflora.** Plants 15 inches high; excellent for bedding. Pkt. 15c.; $\frac{1}{16}$oz. 75c.; ⅛oz. $1.25.

855. **Cecily Mixed Dwarf Compact.** Large-flowering. Pkt. 15c.; $\frac{1}{16}$oz. 75c.; ⅛oz. $1.25; ¼oz. $2.00.

PHLOX DECUSSATA

854. **Grandiflora Mixed.** A fine mixture of the large perennial varieties. Pkt. 15c.; ¼oz. $1.00.

Poppies A., P.

Lovely flowers deserving wide planting. The crinkly, silky texture of the petals appeals to everyone. They are hardy and the annual varieties should be sown in late fall or very early spring. Better let Poppies stay where seed is sown. They are difficult to transplant.

ANNUAL VARIETIES

856. **Sweet Briar.** A double Shirley with flowers of wild-rose-pink. Beautiful and different Poppy.

857. **Wild-Rose-Pink.** Lovely Shirley with single flowers of true wild-rose-pink.

Any of above Poppies, pkt. 10c.; ¼oz. 35c.; ½oz. 60c.

858. **Shirley, Mixed.** A fine mixture of this grand Poppy. Pkt. 10c.; ¼oz. 25c.; ½oz. 40c.; oz. 75c.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

POPPIES, continued

PERENNIAL VARIETIES

859. Iceland Poppy, Sanford's Giant Strain, Mixed *(Papaver nudicaule)*. Very long stout stems bearing large flowers; bloom all summer. The fine-cut grayish foliage is attractive and the papery flowers are beautiful. All colors. Pkt. 15c.; 1/16oz. 45c.; 1/8oz. 75c.; 1/4oz. $1.25.

860. Oriental Poppies in Mixture. Plants grow 2 to 3 feet tall and bloom in June. Gay shades of red. Pkt. 15c.; 1/16oz. 50c.; 1/8oz. 90c.; 1/4oz. $1.50.

Portulaca A., R-G.

A gay bedding plant growing only a few inches high and thriving in light sandy soil in full sun. Use for edgings, solid beds and rockeries.

861. Double, Mixed. Pkt. 15c.; 1/16oz. 50c.; 1/8oz. 90c.; 1/4oz. $1.50.

862. Single, Mixed. Pkt. 10c.; 1/8oz. 60c.; 1/4oz. $1.00.

Pyrethrum P.

863. Roseum, Mixed *(Chrysanthemum coccineum)*. The Painted Daisies are long-stemmed, daisy-like flowers of various colors. A good cut-flower. Pkt. 15c.; 1/16oz. 75c.; 1/8oz. $1.25; 1/4oz. $2.00.

Ricinus (Castor-Bean) A.

864. Communis zanzibarensis. Large plants, 6 feet or more tall, with large foliage giving a tropical effect. Pkt. 10c.; oz. 25c.; 1/4lb. 75c.

Salpiglossis (Painted Tongue) A.

865. Mixed. An "easy" annual growing 2 feet tall with gay flowers shaped like petunias. The spectacular flowers have a base of one color and are veined and marked by a contrasting color. Prefers full sun and not too much water. Pkt. 10c.; 1/8oz. 25c.; 1/4oz. 40c.

Salvia (Scarlet Sage) A.

The scarlet flowers of these Salvias are the most striking in the late summer and autumn garden. There is nothing else to compare with them for blazing color.

866. Bonfire (Clara Bedman). Compact, bushy, 2-foot plants with flowers of brilliant scarlet. Pkt. 20c.; 1/16oz. 75c.; 1/8oz. $1.25; 1/4oz. $2.00.

867. Farinacea, Blue Bedder. A., P. Plants 2½ feet high with beautiful blue flowers from July to October. A perennial but will bloom first year if planted in spring. Pkt. 15c.; 1/8oz. 90c.; 1/4oz. $1.50.

868. Splendens. Taller plants to 3 feet with bright scarlet flowers. Pkt. 10c.; 1/8oz. 90c.; 1/4oz. $1.50.

946. Harbinger. Early. Dwarf compact plants. The dark foliage is very effective against the scarlet flowers. Remains in bloom all summer if seeded indooors in February. Pkt. 25c.; 1/16oz. $1.50.

Scabiosa (Mourning Bride) A., P.

869. Blue Moon. A. Fully double, beehive-shaped flowers of deep lavender-blue. Plants grow over 3 feet tall and provide quantities of long-stemmed flowers to cut. Pkt. 15c.; 1/4oz. 60c.; 1/2oz. $1.00.

870. Rosette. A. A new large-flowering type with lovely "pin-cushions" of deep rose suffused salmon. A good bloomer. 3½ ft. Pkt. 10c.; 1/8oz. 40c.; 1/4oz. 60c.

871. Hybrid Mixed Annual Varieties. Pkt. 10c.; 1/4oz. 35c.; 1/2oz. 60c.; oz. $1.00.

872. Caucasica perfecta. P. Perfectly hardy 3-foot plants with fringed "Bluebonnets" of lavender. Fine cut-flower. Pkt. 15c.; 1/16oz. 50c.; 1/8oz. 75c.; 1/4oz. $1.25.

Scarlet Runner Bean A.

873. Phaseolus coccineus. A rapid-growing vine with sprays of brilliant red flowers like pea blossoms. The dry, ripe Beans are bright red. Pkt. 10c.; oz. 15c.; 1/4lb. 40c.

Schizanthus (Butterfly Flower) A., R-G.

874. Pinnatus, Butterfly Mixture. Fine bright mixture. Free-flowering, compact pyramidal plants. Blooms all summer. 12 to 15 in. Pkt. 10c.; 1/16oz. 60c.; 1/8oz. $1.00.

Statice A.

875. Sinuata, Mixed. Cloud-like masses of colorful flowers. May be dried for winter use. Pkt. 10c.; 1/4oz. 25c.; 1/2oz. 40c.

869. Scabiosa
Blue Moon
Pkt. 15c.

Portulaca

Ever plant a solid bed of Portulaca? If not, you have missed something. Portulaca likes full sun and light sandy soil, and if not disturbed will come up year after year making a gay-colored rug.

Sweet Peas, Early-flowering Spencer
Pkt. 15c.

865. Salpiglossis, Mixed
Pkt. 10c.

875. Statice sinuata
Mixed. Pkt 10c.

874. Schizanthus
(Butterfly Flower)
Pkt. 10c.

858. Poppy, Shirley, Carnation-flowered, Mixed. Pkt. 10c.

867. Salvia farinacea, Blue Bedder Pkt. 15c.

801. Portulaca Double, Mixed Pkt. 15c.

868. Salvia splendens (Scarlet Sage) Pkt. 10c.

907. Tithonia speciosa Pkt. 10c.

Dwarf Sweet William

If you have not grown them we urge you to try this grand little Sweet William. Each plant in bloom looks like a compact bouquet of flowers. Don't miss them this year.

Stocks (Gilliflower) A.

876. Dwarf, Double Ten-Weeks, Mixed. Popular garden flower because of the fine spikes of bloom in interesting colors and their delightful fragrance. A great cut-flower. Plants 12 inches with flowers of white, yellow, pink and blue. Pkt. 10c.; ⅛oz. 50c.; ¼oz. 90c.; ½oz. $1.50.

Stokesia (Stokes' Aster) P.

877. Cyanea. Large shaggy flowers of deep blue somewhat resembling a single Aster. Does best in light soil. Grows 1½ to 2 feet tall and blooms from July to frost. Pkt. 10c.; $\frac{1}{16}$oz. 40c.; ⅛oz. 75c.

Sunflower A.

878. Chrysanthemum-flowering. Spectacular 4 to 5-inch golden yellow double flowers that stand 4 feet high. Pkt. 10c.; ½oz. 35c.; oz. 60c.

Sweet Peas A.

Everyone loves dainty fragrant Sweet Peas and every garden should have enough to supply the house with cut-flowers during late spring and summer.

CULTURE. Sow as early in the spring as the ground can be worked in rich, well-limed soil with good drainage. Make a trench about 4 inches deep and sow the seed in the bottom of it, covering with about 1 inch of soil. When the plants attain a height of from 2 to 3 inches cultivate them and gradually fill up the trench to the level of the ground. One ounce will plant a 15-foot row.

EARLY-FLOWERING SPENCER VARIETIES

Although these are especially grown for under-glass culture we find they are equally desirable for the garden.

879. Amethyst. Royal purple.
880. Exposition Pink. Rich pink.
881. Harmony. Lavender shaded rose.
882. Hope. Pure white.
883. Mrs. Hoover. Clear blue.
884. Red Bird. Crimson-red.
885. Shirley Temple. Soft rose-pink, fluted and frilled.
886. Valencia. Sunproof orange

Any of the above Early-flowering Spencer Sweet Peas, pkt. 15c.; ½oz. 35c.; oz. 60c.

887. Mixed Early Spencers. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. $1.65; ½lb. $2.75.

LATE SPENCER OR ORCHID-FLOWERING VARIETIES

The late Spencers produce more flowers and have longer stems than the early varieties.

888. Damask Rose. Bright rose-carmine.
889. Gleneagles. Large; lavender.
890. Huntsman. Bright scarlet.
891. Peggy Ann. Salmon-pink.
892. Pierrot. White, blue edges.
893. Pinkie. Rose-pink; frilled.
894. Pirate Gold. Golden orange.
895. Reflection. Clear blue.
896. Royal Purple. Rich purple.
897. Sextet Queen. Pure white.
898. Superb Mixed Spencers.

Any of the above Late Spencer or Orchid-flowering Sweet Peas, pkt. 15c.; oz. 40c.; ¼lb. $1.25; ½lb. $2.50

899. Bolgiano's Special Grandiflora Mixture. A superlative mixture of the old-fashioned sweet-scented Sweet Peas. Pkt. 10c.; oz. 25c.; ¼lb. 65c.; lb. $1.75.

Sweet William (Dianthus barbatus) B., R-G.

An old-fashioned border plant which is usually treated as a biennial, growing new plants every year for the second year's bloom. Plants grow 1 to 1½ feet tall, have large heads of bloom and are used for bedding, borders or the rock-garden.

900. Newport Pink. Salmon-pink. Single.
901. Scarlet Beauty. Deep scarlet. Single.
902. White. Pure white. Single

Any of the above Sweet Williams, pkt. 15c.; ⅛oz. 45c.; ¼oz. 85c.; ½oz. $1.65

903. Single, Mixed. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75.

904. Double, Mixed. Pkt. 10c.; ⅛oz. 50c.; ¼oz. 85c.; ½oz. $1.50; oz. $2.50.

905. Dwarf Double, Mixed. A new type only 9 inches high bearing large heads of single flowers in a wide range of attractive colors. An ideal edging plant or for spots here and there in the rock-garden. Pkt. 15c.; $\frac{1}{16}$oz. 60c.; ⅛oz. $1.00; ¼oz. $1.75.

Thunbergia (Black-eyed Susan) A.

906. Alata, Mixed. Rapid-growing vines with neat foliage bearing attractive white, yellow or orange flowers, each with a black "eye." Pkt. 10c.; ¼oz. 50c.; ½oz. 75c.

Tithonia A.

907. Speciosa (Mexican Sunflower). Tall plants 8 to 10 feet high bearing orange-scarlet single flowers about 4 inches across. Seed started indoors in March and transplanted when ground gets warm should bloom in late August. Pkt. 10c.; ⅛oz. 50c.; ¼oz. 90c.

Tritoma (Red-Hot Poker) P.

908. Hybrida. Seed started indoors from January to March and planted out in April should bloom the first year. Striking red spires of bloom from August on. 3 ft. Pkt. 10c.; ⅛oz. 45c.; ¼oz. 75c.

Venidium A.

909. Fastuosum (Monarch of the Veldt). A South African plant 2 to 3 feet tall bearing golden orange daisies with reddish brown centers. Flowers are 3 to 4 inches in diameter. Should be planted in full sun. Pkt. 15c.; ¼oz. 50c.; ½oz. 90c

Verbena A., R-G.

Spreading plants, each branch tipped with a large dome-like head of small flowers. A splendid bed or border annual.

910. Floradale Beauty. A giant type with large heads of flowers ranging from bright rose-pink to deep rose-red. Pkt. 15c.; ¼oz. 45c.; ⅛oz. 75c.; ¼oz. $1.25.

911. Giant Flowered, Finest Mixed. Includes rose, scarlet, violet, yellow and white varieties. Pkt. 10c.; ¼oz. 40c.; ⅛oz. 65c.; ¼oz. $1.10.

Vinca A.

912. Rosea, Mixed (Periwinkle). Foot-high plants with shiny dark foliage and neat pink and white flowers. Seed should be started indoors early as it germinates slowly. A fine pot-plant as well as a bedder. Pkt. 15c.; ¼oz. 40c.; ⅛oz. 60c.; ¼oz. $1.00.

Viola P., R-G.

913. Cornuta, Mixed (Tufted Pansy). A dependable Viola growing about 6 inches high and bearing its lovely flowers, which resemble but are smaller than pansies, in quantity over a long period. The mixture includes yellow, blue, lavender and white varieties. Pkt. 15c.; ¼oz. 90c.; ⅛oz. $1.50.

Wallflower P., R-G.

914. Finest Single, Mixed. Plants are only half-hardy and should be protected over winter by moving to a coldframe and bringing back in spring. They have a never-to-be-forgotten fragrance. Pkt. 10c.; ⅛oz. 40c.; ¼oz. 60c.

915. Wild Flower Garden Mixture. A. This is a mixture of California native hardy annuals suitable for planting in odd corners or on a vacant lot. They are easily-grown varieties and will be found very desirable for cutting. Pkt. 10c.; ½oz. 40c.; oz. 65c.; ¼lb. $2.00.

903. Sweet William, Single, Mixed. Pkt. 10c.

Zinnia, Giant Dahlia-flowered Pkt. 10c.

929. Zinnia, Fantasy, Wildfire Pkt. 10c.

939. Zinnia, Scabious-flowered, Mixed. Pkt. 10c

938. Zinnia, Lilliput, Mixed Pkt. 10c.

Satisfaction from Annuals

Most gardeners grow the same things year after year and never know the pleasure of venturing into new experiences.

Look through our list of annuals this year and try some of the things you have never grown before. A few may disappoint but many will so please that you will never want to be without them again. Expand your garden experience.

931. Bowl of Gaillardia-flowered Zinnias, Navajo, Mixed. Pkt. 10c.

940. Zinnia linearis Pkt. 10c.

914. Wallflower, Single Mixed Pkt. 10c.

910. Verbena, Floradale Beauty Pkt. 15c.

Zinnias

With so many types to choose from, the Zinnia family stands high among annuals.

They are all fine cut-flower material and in solid beds one can have real spectacles.

The little Linearis is a fine front border plant and one never has enough of the dainty Lilliputs and Pompons.

Zinnias (Youth-and-Old-Age) A.

One of the most showy and satisfactory annuals for every garden. There is a wide range of types and hues to provide color for the garden and generous quantities of cut-flowers from early summer until frost. They are easy to grow in any good garden soil.

CALIFORNIA GIANTS

These are the tallest Zinnias, growing 3 to 4 feet high, with very large double flag flowers on long stems. A splendid cutting type.

916. Enchantress. Light rose, deep rose center.
917. Golden Queen. Golden yellow.
918. Purity. Best white in Zinnias.
919. Scarlet Gem. Glowing scarlet.
Any of the above California Giant Zinnias, pkt. 10c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75.

920. Mixed. A fine mixture. Pkt. 10c.; ¼oz. 50c.; ½oz. 90c.; oz. $1.50.

DAHLIA-FLOWERED VARIETIES

Robust plants, 2½ to 3 feet tall, bear many strong stems of fully double, 4 to 5-inch flowers resembling the show type of dahlia. Popular for bedding and to cut.

921. Canary Bird. Primrose-yellow.
922. Exquisite. Light rose, deep rose center.
923. Oriole. Orange and gold bicolor.
924. Polar Bear. Pure white
925. Purple Prince. Deep purple.
926. Scarlet Flame. Bright scarlet
Any of the above Dahlia-flowered Zinnias, pkt. 10c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75

927. Mixed. All the Dahlia-flowered colors. Pkt. 10c.; ¼oz. 50c.; ½oz. 90c.; oz. $1.50.

FANTASY VARIETIES

Plants 2 to 2½ feet high with 3-inch shaggy flowers something like cactus dahlias. Distinctly different from all other Zinnias, they bring novelty to the garden and come into bloom 6 to 7 weeks from time of sowing seed.

928. Star Dust. Rich deep golden yellow. Pkt. 10c.; ⅛oz. 40c.; ¼oz. 60c.; ½oz. $1.00.

929. Wildfire. Dazzling scarlet. Pkt. 10c.; ⅛oz. 35c.; ¼oz. 60c.; ½oz. $1.00.

930. Finest Mixed. A wonderful mixture including shades of red, orange, and yellow. A bed of these is really astonishing. Pkt. 10c.; ¼oz. 50c.; ½oz. 90c.

GAILLARDIA-FLOWERED NAVAJO

931. Finest Mixed. The 2-inch flowers resemble a double annual gaillardia. Plants grow about 2 feet tall and bloom in about 45 days from seed. Colors range through the soft tones of rose, pink, bronze, yellow, orange and lavender. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00.

LILLIPUT OR POMPON VARIETIES

These are the most popular of the Zinnia family for cutting and they make attractive solid beds. Plants grow 1½ to 2 feet tall and are free with their colorful little pompons on good vase-length stems.

932. Canary Gem. Canary-yellow.
933. Crimson Gem. Rich crimson.
934. Lilac Gem. Clear lilac.
935. Pink Gem. Deep pink.
936. Salmon Gem. Salmon-rose.
937. White Gem. Pure white.
938. Mixed.

Any of the above Lilliput or Pompon Zinnias, pkt. 10c.; ¼oz. 50c.; ½oz. 85c.

SCABIOUS-FLOWERED VARIETY

939. Mixed. The flowers of these resemble in form both the annual scabiosa and Harmony marigolds. They have a collar of fairly wide petals surrounding a tufted center. Plants grow about 2½ feet tall, so that there are good stems for cutting. Colors run through crimson, scarlet, pink, orange, and yellow. Pkt. 10c.; ⅛oz. 40c.; ¼oz. 60c.; ½oz. $1.00.

DWARF ZINNIA

940. Linearis. A dwarf native of Mexico growing 8 to 10 inches tall, the bushy little plants covering themselves with lovely single flowers of golden orange with a lemon-yellow stripe through each petal. A splendid edging plant. Flowers in 6 weeks from seed. Pkt. 10c.; ⅛oz. 50c.; ¼oz. 85c.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

Bolgiano's Specialties, Novelties, and Introductions

941. Asters, Princess Wilt-Resistant Mixed A.

A very attractive new cutting type of wilt-resistant Aster, 2 to 2½ feet tall. Branching and free flowering, early blooming, bearing quantities of 3½-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25.

942. Dianthus Heddensis, Westwood Beauty A., R-G.

This variety is more resistant to heat than the ordinary Dianthus. Will also grow in cooler climates and make large flowers on long stems. Color somewhat variable, in red shades of crimson and scarlet, some with white edging. Single flowers on 16-inch stems. A good item for florists, also for the garden. Pkt. 25c.; 1/32oz. 60c.; ⅛oz. $1.00; ¼oz. $1.75.

945. Gaillardia Lorenziana, Double Mixed A., R-G.

A free-flowering double strain of red, yellow, orange, and rose shades. This strain is quite attractive. Height about 15 in. Pkt. 10c.; ¼oz. 50c.; ½oz. 90c.

943. Petunia, Celestial Rose Improved A.

Compact and free flowering. Large, deep rose flowers. Excellent for pot-plants and bedding. Pkt. 15c.; ⅛oz. $1.25; ¼oz. $2.25.

944. Petunia, Snowstorm Improved A.

Extra large, pure white flowers. Dwarf, compact plant. This is also fine for bedding and pot-plant use. Pkt. 25c.; 1/64oz. $2.25; 1/32oz. $3.75.

Syringa (French Lilac), Mme. Lemoine

Large double white, very fragrant. 2 to 3 ft., each $1.65; 3 to 4 ft., $2.25; 4 to 5-ft. specimen plants, $3.50.

Tigridia (Mexican Shell-Flower)

Hybrid Mixed. Known as the Tiger-Flower or Shell-Flower. A good summer-flowering bulb for the garden. Colors range from white to gold and scarlet blotched with maroon. Treat same as Gladiolus. Plant in May, 6 to 8 inches apart and about 4 inches deep. 20c. each; 3 for 50c.; 10 for $1.50.

Lilac, Mme. Lemoine

Hemerocallis, Mikado

HEMEROCALLIS

Bolgiano's Special Collection of Beautiful Daylilies

The eight choice varieties listed below are selected to give you a wonderful display of blooms from June to mid-September.

SPECIAL OFFER C

One each of the eight varieties (8 plants) Postpaid **$4.75**

SPECIAL OFFER D

Three each of the eight varieties (24 plants) Postpaid **$11.50**

AUGUST PIONEER. 2½ ft. Chrome-orange blooms of medium size. Especially valuable for its late period of bloom—early August through September. Each $1.25; 3 for $3.50.

D. D. WYMAN. 3 ft. Golden yellow with tawny splashes. Late June, July. Each 50c.; 3 for $1.25.

DOVER. 4 ft. Large; clear orange. June, July. Each 45c.; 3 for $1.00.

GOLDENI. 2 ft. Deep golden orange; attractive in form; very free-flowering. Late June to August. Each 45c.; 3 for $1.00.

IMPERATOR. 4 ft. A distinct variety with rich orange-red coloring. July, August. Each 60c.; 3 for $1.50.

MANDARIN. 5 ft. Unusually tall and especially lovely in the evenings is this lemon-yellow variety. Late June to August. Each 50c.; 3 for $1.25.

MIKADO. 3 ft. A glamorous combination—orange with a mahogany-red spot on each petal. Occasionally blooms again in the fall. June, July. Each 75c.; 3 for $2.00.

THE GEM. 3 ft. An unusually popular yellow variety; large size. July, August. Each 45c.; 3 for $1.00.

Bolgiano's Hardy Perennials

SIX BEAUTIFUL MUMS

Special Offer A
One each of the six varieties . . **$2.75** Postpaid

Special Offer B
Three each of the six varieties . . **$6.50** Postpaid

IN THIS COLLECTION WE OFFER SIX MUMS WHICH WILL PLEASE THE MOST PARTICULAR MUM LOVER. THE RANGE OF COLORS AND SIZE OF THE BLOSSOMS IS UNSURPASSED.

LAVENDER LADY. Double flowers of true lavender, in graceful sprays—one of the most beautiful Chrysanthemums ever produced. Splendid branching plants. 3 ft. Early October. 45c. each; 3 for $1.00; $3.50 per doz.

MRS. PIERRE S. DU PONT III. A beautiful blend of peach-pink, rosy salmon, and fawn. Makes an unforgettable cut-flower. Rich butternut fragrance and strong, healthy growth. 45c. each; 3 for $1.00; $3.50 per doz.

RED VELVET. Shapely double flowers of medium size are borne in generous clusters on long stems. The opening color is velvety crimson, then becomes darker instead of fading. The rich butternut fragrance adds to the cut-flower value. Blooms in early October. 60c. each; 3 for $1.60; $6.00 per doz.

EUGENE A. WANDER. Extra-large double blooms of glistening yellow. 1½ ft. Late August. 45c. each; 3 for $1.00; $3.50 per doz.

WHITE KNIGHT. One that fills a long-felt need for a large double white. The loose upright bush produces a nice crop of double, 3-inch blooms of pure white, with just a slight tinge of cream at the center. Late September. 60c. each; 3 for $1.60; $6.00 per doz.

GRANNY SCOVILL. One of the finest large-flowered varieties, fully 4½ inches across. Warm coral-bronze—a glorious flower. 2 ft. October 1. 45c. each; 3 for $1.00; $3.50 per doz.

PRICE TABLE

The following quantity prices apply to all Perennials and Rock-Plants when 3 or more *of one kind* are ordered. Refer to it to determine the *each, six,* and *dozen* price of all plants for which only the price for 3 is given in the Catalogue.

Each	3 plants of *any one kind*	6 plants of *any one kind*	12 plants of *any one kind*
$0 45	$1 00	$1 75	$3 50
50	1 20	2 20	4 40
55	1 35	2 50	5 00

POSTAGE ON PLANTS:

Add for postage and packing: Single plants 10c.; 3 plants 20c.; 6 plants 30c.; 12 plants 40c. We can supply many other varieties of plants than those listed. Orders promptly filled.

Culture: A deep well-drained bed of enriched soil is essential to the proper growth of perennials. They should be planted in March or April for best results.

Anemone japonica

The fall-blooming Windflowers are easy-to-grow, long-lived plants providing beautiful bloom during September and October. They do well in light shade and should be watered during dry periods.

Alba. Large, single flowers of purest white on splendid 4-foot plants.
Margarete. The double dark pink flowers are borne in profusion on 3-foot stems.
Marie Manchard. Three-foot plants bearing semi-double blooms of clean white.
September Charm. A recent hybrid, from 2 to 2½ feet tall. It has lovely single, silvery rose flowers.
September Queen. Rosy red, semi-double flowers, freely produced. 2 ft.

Aquilegia (Columbine)

One of the most valuable of the early-flowering perennials. The long-spurred blooms are well adapted to use as cut-flowers, and for massing in the garden. They do best in light soil in a sheltered location that gets the sunshine. 1 to 2 ft. May, June.

Chrysantha (Golden Columbine). Yellow flowers with long spurs.
Chrysantha, Silver Queen. Pure white.
Crimson Star. Large flowers with rich crimson outer petals and pure white centers. Spectacular.
Mrs. Scott Elliott's Strain. Outstanding for its wide range of color.
Rose Queen. Pink; long-spurred.

Asters
(Michaelmas Daisies)

Asters may be used for various purposes in the garden. The tall ones make a lovely display in the background, while the low ones are excellent for border planting or for the rock-garden. Plant in full sun, in ordinary soil.

Beechwood Challenger. Glowing crimson. Splendid new red Aster. 3 ft.
Blue Plume. Fine spikes of deep blue, almost double flowers. 2 ft.
Constance. A really pure shell-pink. Very graceful in habit. October. 10 in.
Frikarti, Wonder of Staefa. A splendid hardy Aster with large lavender-blue flowers on 12 to 18-inch stems. Blooms over a long period. 2 to 2½ ft. 3 for $1.20.
Harrington's Pink. Beautiful large flowers of clear soft pink. 4 ft. 3 for $1.35.
Lavender Giant. Large; lavender-blue. Ideal cut-flowers. Early September to late October. 3 ft. 3 for $1.35.
Lilac Time. Lovely soft lilac. Free flowering; bushy. September, October. 12 in.
Mt. Everest. Bushy plants covered with beautiful white flowers. 4 ft.
Niobe. Compact habit with pure white flowers. September. 8 in.
Survivor. Bright rose-pink, with a longer blooming season than the familiar Harrington's Pink. 4 ft. 3 for $1.35.
Violetta. *New.* The darkest Aster—violet-purple. Sturdy plants. 4 ft. 3 for $1.35.

Convallaria majalis
(Lily-of-the-Valley)

Low-growing plants with attractive foliage and nodding racemes of exquisite fragrant little bells from March to May. Plant in shade, using "woodsy" soil. $1.75 per doz.; $12.50 per 100.

Coreopsis (Tickseed)

Will grow anywhere in any kind of soil and bears long-stemmed flowers valued for cutting. They bloom all summer.

Auriculata nana. Golden yellow flowers that are very attractive. Blooms from May to fall. 12 to 15 in.
Golden Shower. Star-like, 1½-inch golden flowers in profusion from June to frost.
Perry's Double. A choice double-flowering golden yellow variety. Early summer. 2 ft.

Chrysanthemums

Beginning with the Cushion types in late August or early September, Chrysanthemums are the glory of autumn gardens. Fine for cutting, with a wide range of color and spicy fragrance. Plant in full sun in rich soil.

Large Double-flowered Varieties

Avalanche. Large, well-formed, double white flowers. 2½ to 3 ft. Late September.
Betty. Double, 2½-inch blooms of lovely appleblossom-pink with deep rose center. 2½ ft. Early. October. 3 for $1.35.
Chippewa. Semi-double to double, aster-like flowers, 3 inches across, of aster-purple. Plant bushy. 2 ft. September on. 60c each; 3 for $1.60; $6.00 per doz.
King Midas. Large double blooms 4 inches across, of a charming shade of soft yellow, occasionally touched with bronze. Strong free-blooming plants. 2 and 3 ft. Late September.
Mme. Chiang Kai-shek. Patent pending. Beautifully formed, old-gold flowers composed of stiff petals. One of the finest in our collection. In full flower in September, but often blooms in late August. $1.00 each; 3 for $2.75; $8.50 per doz.
Mrs. Sam P. Rotan. Large, double, brilliant golden yellow shaded orange. Flowers resist light frost. 3 ft. Early October.
Quaker Maid. Extra-large attractive crimson flowers, with some touches of gold. 2½ ft. 3 for $1.35.
Rapture. Shapely, double flowers, a blend of orange-bronze and carmine. Strong, bushy plants. 3 ft. Early October.

Pompon Varieties

Early Wonder. Masses of ball-shaped blooms about 2 inches across, in a lovely shade of pale pink which ages almost white. 2½ ft. Late September.
Rembrandt. A new color combination in pompons—rosy mauve tinted copper and suffused ripe strawberry, an art blend you will like. Do try it. 1½ to 2 ft. October 1. 75c. each; 3 for $2.00; $7.50 per doz.
Ruby Pompon. Splendid pompons of ruby-crimson in large sprays on upright plants. A wonderful bloomer. 2½ ft. Early October. 60c. each; 3 for $1.60; $6.00 per doz.
White Doty. A standard variety with perfectly formed white pompons on long stems. 3½ ft. Mid-October.
Yellow Gull. Ball-shaped, showy yellow blooms 2 inches across, on 3-foot stems. A good cut-flower.

Unless otherwise noted, all plants are $1.00 for 3 of one kind; $1.75 for 6 of one kind; $3.50 per doz. of one kind. Single plants, each 45c.

CHRYSANTHEMUMS, continued

Medium-sized Double Varieties

Algonquin. Showy, double, clear yellow flowers, 2½ inches across. Spreading growth. 2 ft. Early September.
Burgundy. Double blooms of glowing wine-red in generous clusters on strong stems. Sturdy plants with healthy foliage.
Golden Charm. A free-flowering variety with splendid double golden yellow blooms.
Harbor Lights. Soft yellow and creamy white tints. September 20. 60c. each; 3 for $1.60; $6.00 per doz.
Purple Jewel. A tall, stately variety with great sprays of lovely amaranth-purple flowers. One of our most popular varieties. 60c. each; 3 for $1.60; $6.00 per doz.
Rose Glow. A charming old-rose color. Exceptionally free flowering.

Single and Semi-double Varieties

Astrid. Shell-pink, warmed with old-rose tints and a bright yellow center.
Autocrat. Beautiful bright orange-scarlet single flowers, each with a golden yellow halo.
Autumn Lights. Masses of lovely, semi-double flowers of coppery bronze with a gleaming orange tone.
California Red. Bright scarlet-red, single flowers with double row of petals.
Igloo. Large; pure white. One of the finest.
Loki. Single; crimson-purple. Dwarf.
Siegfried. Delightful blooms of rich yellow.
Vesta. The large, almost duplex flowers are of a deep golden orange shade.

Button-Flowered Varieties

Irene. Dainty little pure white buttons. Without a doubt the finest white button. 2 ft. Early October.
Jewel. Clusters of soft pink pompons, excellent for cutting. 2½ ft. Early October.
Judith Anderson. Well-rounded, 1½-inch blooms of clear buttercup-yellow. A grand little show plant. 2 ft. Early October.
Ouray. Masses of rich bronze flowers with a coppery glow. A reliable hardy variety. 2½ ft. Early October.
Yellow Irene. Same as White Irene but the color is a lovely pale yellow.
Yellow Jewel. Ball-shaped, 1¾-inch flowers of a pleasing shade of yellow with an attractive undertone of bronze. 3 for $1.35.

Delphinium, New Giant Pacific Hybrids

Cushion Varieties

These are descendants of Amelia (Azaleamum). The plants grow about 10 to 12 inches high and spread approximately 2 feet. They bloom quite early and are literally covered with bloom until frost.
Bronze Cushion. Deep bronze turning to coppery yellow.
Pink Cushion. Light pink. An old favorite.
Red Cushion. A lovely shade of Chrysanthemum crimson.
White Cushion. Opens a delicate pink turning to pure white.
Yellow Cushion. Pure golden yellow; very brilliant.

Spoon Chrysanthemums

An interesting new type with dainty single and semi-double flowers. The petals are tubular, flattening out near the tip so that each petal resembles a miniature spoon. 2 to 3 ft. All come into bloom in early October.
Bronze Spoon. Bronze.
Jasper Spoon. Yellow tubes with red spoons.
Pink Spoon. Improved semi-double pink.
White Spoon. Double; white with creamy center.
Yellow Spoon. Double; brilliant yellow.

Daisy, Shasta

The Shasta Daisies are popular, long-lasting cutting flowers which do well in ordinary soil. Planted in masses they are attractive in the garden all summer.
Admiral Byrd. Splendid, large, pure white flowers with two or three rows of deeply notched petals and a rich golden yellow center. 3 for $1.20.
Esther Reed. Fully double white flowers of good lasting quality. The blooms are 3 to 4 inches in diameter and come rather freely on the sturdy plants. 1½ to 2 ft. Summer and fall. 3 for $1.35.

Delphinium (Perennial Larkspur)

We offer three distinct types of this popular flower: The hybrids provide the long spikes of beautiful bloom so popular for exhibition purposes; cut down after the first bloom, they will repeat in autumn. The Belladonna type is desirable to cut for mixed bouquets and blooms all season with the dwarf Chinensis providing desirable blue for bedding and cutting material all season. Delphiniums require rich soil in full sun.
Belladonna. Light blue. 3 to 4 ft.
Blackmore & Langdon Hybrids. Semi-double and double blooms in shades of blue, lavender, and purple. 4 to 5 ft.
Chinensis, Tom Thumb. Dwarf in habit, it produces several crops of exquisite blue flowers. 15 in.
Lamartine. Brilliant marine-blue. 3 to 4 ft.
New Giant Pacific Hybrids. This is an outstanding new strain with many shades of huge florets beautifully spaced on strong spikes. Mildew-resistant. The best Delphinium plants in existence. 3 for $1.35.

Dianthus (Fragrant Pinks)

Reminiscent of other days when fragrant flowers were in vogue, the great number of Dianthus available today are still a source of color and delicious fragrance.
Bobby. Large flowers of deep pink with crimson centers. 8 in.
Little Joe. Large crimson blooms; delightful companion for Bobby. 6 in.
Meg Gardner. A new introduction bearing large white flowers with distinct red centers. June, July. 15 in.
Old Spice. Plant Patent No. 499. A new and choice introduction. Carnation-like salmon-pink flowers; clove-scented. Blooms freely in June and through the summer months. 1 ft. 3 for $1.35.
Tiny Rubies. The miniature plants produce carnation-like flowers on stems 4 to 5 inches high. In full sun the color is pink; with partial shade it approaches rose. It is a "must" for your rock-garden.

Hemerocallis (Day-Lily)

Dicentra (Bleeding-Heart)

Shade-loving plants with flowers of unquestioned charm. Spectabilis is the Bleeding-Heart of old-time gardens and should be in every garden with a shady spot. Eximia is a low-growing native fitting in here and there and provides attractive ferny foliage when not in bloom. Makes a good ground-cover.
Eximia. Fern-like foliage and pink heart-shaped flowers all season. Partial shade or full sun.
Spectabilis. Graceful pink, heart-shaped flowers on long slender stems in April and May. 65c. each; 3 for $1.65.

Gaillardia (Blanket Flower)

The Blanket Flowers are dependable border plants, furnishing gay color and lasting well for cutting. They thrive in ordinary garden soil in full sun and bloom all summer and fall.
New Giant Monarch Strain. Unusually large bloom in a variety of color.
The Imp. Unique in this family for dwarf habit and bronzy crimson blooms. 10 in.

Hemerocallis (Day-Lilies)

Thriving almost anywhere, and not being bothered by either insects or disease, this is about as near a fool-proof garden plant as can be found. By planting our collection you can have bloom from May on, all through summer.
Dr. Regel. Rich orange-yellow flowers in May. Very fine for cutting.
Flava (Lemon Lily). Sweet-scented yellow flowers in June.
Florham. Large golden yellow flowers. Strong grower.
George Yeld. Flushed petals, sprinkled rose; rich orange sepals. 75c each; 3 for $2.00.
Hyperion. Large; canary-yellow. 75c each; 3 for $2.00.
J. A. Crawford. Large; clear gold. 60c each; 3 for $1.50.
Kwanso. Large, double flowers of rich golden bronze shade.
Serenade. 4 to 5 ft. A subtle pastel combination of yellow and pink with petals that are twisted and crinkled. June, July. $1.50 each; 3 for $4.00.
Thunbergi. Much like Flava but flowers in July, a month later.

Hosta (Funkia; Plantain Lily)

Another almost fool-proof plant. Its large rich green foliage is always attractive and the bloom, which appears during late summer, is very pleasing. Can be used anywhere and especially likes some shade.
Lancifolia. Long, narrow, green leaves with lilac-blue flowers. July, August.
Subcordata grandiflora (White August Lily). Fine for shade. 65c each; 3 for $1.65.
Undulata variegata. Blue flowers. Variegated foliage.

Unless otherwise noted, all plants are $1.00 for 3 of one kind; $1.75 for 6 of one kind; $3.50 per doz. of one kind. Single plants, each 45c.

Hardy Candytuft (*Iberis sempervirens*)

Iberis (Hardy Candytuft)

Delightful little evergreen plants that show up well wherever planted. Many are used in rock-gardens and they make splendid border plants, furnishing closely packed white bloom in spring.

Sempervirens. The Hardy Candytuft has many uses in the garden.
Snowflake. Large, pure white flowers on dwarf plants.

Bearded Iris (Flag Iris)

The Rainbow Flowers are popular everywhere and have so many admirers that there is a thriving Iris Society. Planted in the sun in ordinary good garden soil, they provide a wonderful display of gloriously colored flowers in May. A few varieties repeat in the fall. Every garden should have a collection.

Anne-Marie Cayeux. Pink. Extra fine.
Black Wings. Deep blue-black. Fine.
Blue Triumph. Fine pale blue.
Blue Velvet. Velvety, best dark blue.
California Gold. Tall; golden yellow. 3 for $1.20.
Cheerio. Standards tan; falls velvety red. 3 for $1.20.
Clara Noyes. Rich blend of Talisman rose.
Copper Lustre. Copper and gold blend. 3 for $1.20.
Depute Nomblot. Dyke's medal. Bronze.
Grace Sturtevant. Red-purple; fragrant.
Jean Cayeux. A blend of browns.
Naranja. Rich yellow self. 3 for $1.20.
No-We-Ta. Dainty pink blend. Exquisite.
San Francisco. White, edged blue.
Shot Silk. Rich silky pink and gold.
Sir Michael. Dark blue tone. Fragrant.
Venus de Milo. Fine new white.
William Mohr. Lilac, veined manganese.

Autumn-flowering Bearded Iris

Autumn Dawn. Gold and pink.
Autumn Elf. Standards cream; falls light mauve.
Autumn Haze. Large; violet-purple.
Autumn Queen. Very pretty white.
Black Magic. Intense deep blue-violet with a rich velvety black luster and sheen.
Eleanor Roosevelt. Deep red-violet.
Sangreal. Yellow fall bloomer.
Ultra. Very fine ultramarine-blue.

Iris sibirica (Siberian Iris)

Being smaller and more graceful, these are greatly admired as cut-flowers. They are also easy to grow and bloom in May.

Caesar's Brother. Rich black pansy-purple. 3 for $1.20.
Perry's Blue. Clear blue. Stout stems.
Snow Queen. A beautiful white. Very free flowering.

Iris pumila
(Dwarf Iris or Miniature Flags)

A dwarf Iris that is ideal for the rock-garden. Blooms during March and April.

Fairy. Pale blue.
La Fiance. White.
Prairie Gem. The 10 to 12-inch plants bloom in both spring and fall. Beautiful yellow flowers.
Sambo. Deep blue.

Iris Kaempferi (Oriental Iris)

These beautiful Iris prefer moist acid soil. An ideal place is around a pool or along the bank of a brook where their roots will not become dry. If planted in the border they should be kept well watered. If not acquainted with these Iris, the glorious flowers of the following varieties will surprise and please you. Bloom in June.

Azure. Double; immense mauve-blue flowers.
Betty F. Holmes. Double; white blooms, yellow midrib.
Blue Bird. Single; rich blue.
Catherine Parry. Double; blue, overlaid rich purple.
Columbia. Double; blue with white veins, yellow center.
Doris Childs. Double; pearl-white, veined purple.
Fascination. Double; mauve-pink, lightly veined white.
Gold Bound. Double; white, gold-banded center.
La Favorite. Double; white veined blue, purple center.
La Tosca. Double; immense white flowers.
Lavender Giant. Single; lavender-blue.
Mahogany. Double; a lovely mahogany-red.
Purple and Gold. Double; violet-purple, golden throat.
Queen of the Blues. Single; pale blue, veined white.
Red Riding Hood. Single; a fine red variety.
Rose Anna. Double; light mauve, veined purple.
Shadow. Single; reddish purple.
T. S. Ware. Double; reddish violet flowers, white centers.
Victor. Double; light blue, veined blue.
White Swan. Single; pure white.

All above Oriental Iris, 50c each; $1.20 for 3 of one kind; $4.40 per doz. of one kind

Liatris (Gayfeather)

Pycnostachya. 4 ft. The tall spikes of rich purple are outstanding in the summer garden. July, August.
Scariosa, September Glory. Whether seen in the garden or in a tall vase with other autumn flowers, this showy spire-like perennial is always admired for its distinctive form and color.
Spicata. 3 ft. Similar to *L. pycnostachya* but earlier to bloom.

Matricaria (Feverfew)

Low-growing plants with attractive double flowers all summer. They are good border plants and are dependable.

Golden Ball. Fine yellow form.
Little Gem. A dwarf variety with double white flowers from June on.

Mertensia (Blue Bells)

Virginica. One of the desirable spring natives found in shaded or partly shaded locations. It thrives in shady spots in a garden with ordinary soil. Looks best when planted in good-sized groups.

Paeonia (Peony)

A long-lived perennial, the plants growing larger and better year by year. They make a good showing in the garden and are favorite flowers for cutting. In planting, the crown should never have over 2 inches of soil over it. If planted deep they will not bloom.

Avalanche. Splendid white. Late.
Baroness Schroeder. French white, changing to pure white.
Festiva Maxima. Early white with crimson specks.
Felix Crousse. Ruby-red. Midseason.
Georgiana Shaylor. Rose-pink. Late.
Karl Rosenfield. The supreme red.
Marie Crousse. Soft salmon-pink.
Sarah Bernhardt. Deep pink.

All above Peonies, 90c. each; $2.45 for 3 of one kind; $9.00 per doz. of one kind

Cherry Hill. Velvety garnet-red.
La Lorraine. Large; creamy white.
Mons. Jules Elie. Large; pink. Early.
Nanette. White, golden stamens.
Primevere. Nearest to yellow.
Richard Carvel. Uniform bright crimson.
Therese. Marvelous soft pink.
Walter Faxon. Coral-pink.

All above Peonies, $1.00 each; $2.75 for 3 of one kind; $10.00 per doz. of one kind

Papaver orientale
(Oriental Poppy)

There just isn't any other plant which can take the place of Oriental Poppies. They are hardy, easy to grow and last when once well started. The pale varieties are enchantingly beautiful while the brightly colored ones are spectacular enough to please the most particular lover of gay flowers. Plant them in groups throughout the border for May and June color.

Beauty of Livermere. Crimson with black blotches.
Cavalier. Crinkly flowers of deep scarlet-red.
Fairy. Pale pink.
Gold of Ophir. Golden orange.
Henri Cayeux. Old-rose.
Jeannie Mawson. Sparkling geranium-pink.
Lachs Konigen. Peach-red, with pink cast.
Perry's White. Satiny white, crimson blotch at base of petal.
Purity. Pure soft pink.
Wurtembergia. Brilliant glowing rose-red.

All above Poppies, 55c. each; $1.35 for 3 of one kind; $5.00 per doz. of one kind

Primula (Primrose)

Perhaps the showiest of spring-flowering perennials are the lovely Primroses. They have a wide color range covering the entire spectrum.

Acaulis, New Giant-flowering, Mixed. A splendid new strain with large flowers of many different shades and colors.

Peonies

Unless otherwise noted, all plants are $1.00 for 3 of one kind; $1.75 for 6 of one kind; $3.50 per doz. of one kind. Single plants, each 45c.

NOTE: Be sure to include Postage and Packing Charges with your order. **See page 44**

Phlox decussata

Colorful, fragrant Phlox are the glory of the summer garden, the large heads of colorful bloom appearing in July and lasting through August. Height varies from 1½ to 3 feet. Plants should be divided and replanted every 2 to 3 years. Do not allow flowers to go to seed or the seedlings will crowd out the wanted variety. Keep well watered and they will please you.

Augusta. Pat. 252. 2½ ft. American-Beauty red. 60c. each; 3 for $1.50; $5.50 per doz.
Border Queen. Large florets of deep water-melon-pink. Early. 1½ ft
Caroline Vandenberg. Lavender-blue hybrid. Midseason. 2 ft.
Charles H. Curtis. Sunset-red. 2½ ft. 3 for $1.35.
Count Zeppelin. Each white floret has a red center. 2½ ft.
Daily Sketch. Salmon-pink florets marked with crimson. Midseason. 2½ to 3 ft.
Dr. Klemm. Lavender-blue with rich purple centers. Midseason. 1½ to 2 ft. 3 for $1.20.
Flash. Carmine-crimson with an orange center. 2 ft. 3 for $1.35.
Leo Schlageter. Scarlet-red with an orange cast. Midseason. 2½ ft.
Lillian. Best described as cameo-pink; each floret has a blue eye. Early. 2 to 2½ ft.
Miss Lingard. White flowers delightful for cutting. Very early. 2½ to 3 ft.
Painted Lady. Delightful combination of silver-pink with salmon shading and cherry-red centers. Early. 2½ to 3 ft.
Progress. Light blue, with deeper purple-blue eye. 2½ ft. 3 for $1.35.
Starlight. Violet-red florets shading lilac; white center. Midseason. 2 to 2½ ft.
Thor. The florets are a combination of salmon-pink with a scarlet glow and a red eye. Midseason. 2 ft.

Phlox subulata
(Moss or Mountain Pink)

Low spreading plants with attractive foliage. They cover themselves with a mass of tiny flowers in April and May. A leading rock-garden plant and desirable for wall gardening or they can be used as edgings. Try covering a bare spot with a few plants; they will soon become a source of spring beauty.

Alice Wilson. *New.* Bright lavender-blue. Blooms again in fall.
Atropurpurea. Very showy brilliant red.
Brightness. *New.* Attractive bright pink. Good grower.
Camla alba. A lovely new white form that blooms very freely again during fall months.

Phlox subulata

Platycodon (Balloon Flower)

A long-lived, dependable, tall border plant furnishing lovely flowers like little balloons which open to broad bells. They bloom from midsummer through September. Sun or light shade.

Grandiflorum cæruleum. Attractive blue flowers from July to October. 2 ft.
Grandiflorum Mariesi. Large, deep violet-blue flowers. 15 to 18 in.
Grandiflorum Mariesi album. Large; white.

Plumbago (Leadwort)

Larpentæ. Dwarf, spreading plants 7 to 8 inches high with leathery, bronzy green foliage and beautiful violet-blue flowers in profusion from July to September. Plant in sun or partial shade in rather poor sandy soil.

Rudbeckia (Coneflower)

Tall-growing plants bearing large daisies with cone-like centers. They are easy to grow in full sun in ordinary soil. Good background plants.

Maxima. Glaucous green leaves and bright yellow flowers 3 to 4 inches across, with a cone 2 inches high. Blooms all summer. 4 to 5 ft.
Purpurea, The King. A crimson-red form that can be combined effectively with White Lustre. 3 for $1.20.
White Lustre. A new Coneflower with pure white petals and a bronzy gold cone. Starts to bloom in June and continues all summer. Stiff sturdy stems. 3 ft. 75c each; 3 for $2.00.

Spiraea (Astilbe)

Fanal. The 1½-foot plant of this novelty carries wonderfully beautiful spikes of fiery crimson flowers during May and June. Astilbe foliage is very attractive so that the plants are good looking at all times. 75c each; 3 for $2.00.

Tradescantia (Spiderwort)

For shaded places the Tradescantias are very desirable. Varieties may be chosen that will give blooms from spring to autumn.

Blue Stone. Low-growing. Large, rich blue flowers.
Lilac Time. Distinct light lilac color.
Pauline. Flowers are rosy mauve. A vigorous variety.

Viola odorata (Sweet Violet)

Loved by everyone, these beautiful flowers bring dainty beauty and haunting fragrance to the garden. One never has enough of them. Plant in well-manured soil. Some shade is always beneficial.

Royal Robe. A new variety of much merit. The fragrant flowers are deep violet-blue, almost black, and open flat, like a pansy. 3 for $1.20.

Ground-Covers for Shady Spots

The two following plants, together with English Ivy, provide three of the finest ground-covers known.

Pachysandra. A trailing plant, 6 to 8 inches high, forming a complete cover of bright glossy green foliage and small spikes of flowers during May and June. $2.00 per doz.; $15.00 per 100.
Vinca minor (Periwinkle or Trailing Myrtle). An excellent dwarf trailing plant for carpeting the ground where it is too shady for other plants to thrive. $2.00 per doz.; $15.00 per 100.

NOTE: Be sure to include Postage and Packing Charges with your order. See page 44.

Wisteria sinensis

PERENNIAL VINES

Bittersweet (*Celastrus articulatus*)

The Oriental Bittersweet is a strong-growing vine bearing attractive clusters of orange-yellow and scarlet fruits in demand for decorative use. 75c each.

English Ivy (*Hedera Helix*)

Beautiful English Ivy is a favorite wall-covering and one of the finest of all ground-covers, especially in shade. $1.75 per doz.; $13.00 per 100.

Polygonum Auberti
(Silver Lace Vine)

This hardy fast-growing vine reaches a height of 25 feet and covers itself in summer and fall with foamy sprays of white flowers. Not bothered by ordinary pests. 75c each; 3 for $2.00.

Wisteria

The most beautiful of all flowering vines. It is hardy, and its long racemes of fragrant flowers make an unforgettable picture. Blooms best in full sun in good garden soil.

Sinensis. Delicate violet-blue flowers in 2 to 3-foot-long flower clusters in spring. $1.00 each.
Alba. White form of the above. $1.00 each.

Clematis

The modern Clematis hybrids provide masses of beautiful large flowers on hardy plants during late spring and summer. Place the plants in well-limed rich but light soil, setting the crowns so they will be covered at least 2 inches. The vines appreciate shade over their roots. Thrives almost anywhere.

Duchess of Edinburgh. Elegant large double white flowers. 85c each.
Jackmani. Large purple-blue flowers in profusion. 85c each.
Mme. Baron Veillard. Large flowers of lilac-rose. 85c each.
Mme. Edouard Andre. Large rosy carmine flowers. 85c each.
Paniculata (Virgin's Bower). Strong-growing vines with masses of fragrant white flowers in August and September. 65c each; 3 for $1.65.

Eight Outstanding Culinary or Kitchen Herbs—All Hardy Perennials

Chives (*Allium Schœnoprasum*)
Peppermint (*Mentha piperita*)
Rosemary (*Rosmarinus officinalis*)
Sage (*Salvia officinalis*)
Savory, Winter (*Satureia montana*)
Spearmint (*Mentha spicata*)
Tarragon, True French. 3 for $1.35.
Thyme, Common (*Thymus vulgaris*)

Unless otherwise noted, all plants are $1.00 for 3 of one kind; $1.75 for 6 of one kind; $3.50 per doz. of one kind. Single plants, each 45c.

Flowering Shrubs, Hedge Plants, Ornamental and Shade Trees

Prices quoted include delivery in Washington, D. C., and vicinity. We do not ship Nursery Stock. Because there are so many conditions upon which successful growth is dependent, and over which we have no control, we cannot guarantee our Nursery Stock in any way whatsoever.

Philadelphus (Mockorange)

ALTHÆA frutex (Rose of Sharon). Lovely double blooms from July to October. Pink, White, and Violet-Red. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

BUTTERFLY BUSH, Charming (*Buddleia*). New pink variety. 2-yr. plants, each $1.75.

BUTTERFLY BUSH, Ile de France. Long spikes of brilliant rosy violet-purple flowers from July to frost. 3-yr. plants, each $1.25.

CALYCANTHUS floridus (Sweet-smelling Shrub). Brown, fragrant blooms in spring. 3 to 4 ft., each $1.35.

CORALBERRY (*Symphoricarpos vulgaris*). Compact shrub 4 to 5 feet high, with many clusters of deep red berries through the winter months. 18 to 24 in., each $1.35; 2 to 2½ ft., $1.65.

COTONEASTER divaricata (Spreading Cotoneaster). 4 to 6 ft. Studded with scarlet fruit, this shrub deserves a choice location in the border. Of vigorous spreading growth, with clean-looking foliage, it also makes a lovely hedge. 2 to 3 ft., each $3.00; 3 to 4 ft., $3.50.

C. Franchet. An ornamental shrub. Upright, densely branched, with spreading branches; orange-scarlet berries. 2 to 3 ft., each $3.00; 3 to 4 ft., $3.50.

DEUTZIA, Pride of Rochester. Large double white flowers tinged with rose. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

FORSYTHIA intermedia spectabilis (Golden Bell). Strong erect bush with bright yellow bell-like flowers in early spring. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

F. suspensa (Weeping Golden Bell). Tall shrub of willowy growth with graceful, arching branches covered with golden bells in early spring. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

HYDRANGEA arborescens grandiflorum. White flowers in almost round heads. Early. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

H., Blue or Pink. 2-yr.-old, 4-in. pots, each $1.50.

H., Peegee. The old-time variety. 2 to 3 ft., each $1.25; 3 to 4 ft., $1.35.

LILACS, French Hybrids. Larger panicles, richer coloring.

Marie Legraye. Pure white.

President Grevy. Light blue.

Souv. de Ludwig Spaeth. Dark purple.

Any of above, 2 to 3 ft., each $1.65
3 to 4 ft., $2.25

LILAC, Old-fashioned Purple. 2 to 3 ft., each $1.35; 3 to 4 ft., $1.85; 4 to 5 ft., $3.00.

PEARL BUSH (*Exochorda racemosa*). Spirea-like shrub with racemes of 2-inch white flowers in spring. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

PHILADELPHUS, Mont Blanc (White Mountain Mockorange). Grows 4 to 5 feet tall. Useful hybrid with dazzling white June flowers. A vigorous sort. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

SNOWBALL (*Viburnum opulus sterile*). Flowers like large white balls in May or June. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

SPIRÆA, Anthony Waterer. Dwarf bush. Crimson flowers all summer. 15 to 18 in., each $1.35; 18 to 24 in., $1.85.

S. prunifolia (Bridal Wreath). White double flowers. Early. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

S. Thunbergi. Arching branches and long sprays of white flowers in early spring. Fine-leaved foliage. 18 to 24 in., each $1.35; 2 to 3 ft., $1.85.

S. Vanhouttei. The most popular variety. Blooms in June. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

WEIGELA rosea. Beautiful free-blooming shrub much used in borders and as specimen plants on the lawn. Pink flowers in May and June. 3 to 4 ft., each $1.35; 4 to 5 ft., $1.85.

Ornamental and Shade Trees

CATALPA Bungei (Umbrella-tree). 10 to 15 ft. Formal straight stems and round heads. 3-yr. heads, each $3.50; 5-yr. heads, $4.75.

CRAB, Flowering (*Malus floribunda*). Buds are a warm rose-color opening to light pink flowers—the whole forming a shapely bush or small tree. 4 to 5 ft., each $4.50; 5 to 6 ft., $6.00.

DOGWOOD. Everyone knows and loves the Dogwood. It needs no description.

D., Pink-flowering. 2 to 3 ft., each $2.50; 3 to 4 ft., $4.50; 4 to 5 ft., $6.50.

D., White-flowering. 2 to 3 ft., each $2.00; 3 to 4 ft., $3.00; 4 to 5 ft., $4.50; 5 to 6 ft., $6.00.

ELM, American. Graceful high-arching branches, leaving good space above roof for air and diffused light. 6 to 8 ft., each $3.00; 8 to 10 ft., $4.50; 10 to 12 ft., $6.50.

E., Chinese. Grows rapidly to a good height and develops a broader base than the American type. Foliage small and dense. Growth symmetrical. 5 to 6 ft., each $2.25; 6 to 8 ft., $3.00.

MAPLE, Norway (*Acer platanoides*). Heavily branched tree with round head. Dark green leaves turning yellow in fall. Reaches a height of 60 to 70 feet. 6 to 8 ft., each $4.00; 8 to 10 ft., $5.00.

M., Red (*Acer rubrum*). The best Maple shade tree. Rapid grower. Succeeds in moist or dry soil, and bears attractive red blossoms in spring followed by vivid scarlet foliage in the fall. Reaches a height of 60 to 70 feet. 6 to 8 ft., each $3.00; 8 to 10 ft., $5.00.

M., Silver. The fastest growing Maple. Prune to a single stem for best form. 6 to 8 ft., each $2.50; 8 to 10 ft., $4.00.

MAGNOLIA Soulangeana (Saucer Magnolia). A hardy Chinese species with beautiful cup-shaped flowers 3 to 5 inches in diameter, white inside, flushed with pink outside. 2 to 3 ft., each $4.50; 3 to 4 ft., $6.00.

M. stellata (Star Magnolia). A well-shaped tree attaining a height of from 10 to 12 feet, and bearing in great abundance pure white star-like flowers with delightful fragrance. 18 to 24 in., each $4.25; 2 to 2½ ft., $6.00.

OAK, Red (*Quercus rubra*). The most rapidly growing Oak. An ideal shade tree that is best in full sun. Stately, with beautiful fall coloring. Grows 75 to 85 feet tall. 5 to 6 ft., each $4.00; 6 to 8 ft., $5.50.

PEACH, Flowering.
Red and **White.** 5 to 6 ft., each $4.50.

POPLAR, Lombardy. Tall, columnar tree attaining a height of 60 feet. Useful for formal plantings and screens. 6 to 8 ft., each $1.50; 8 to 10 ft., $2.50; 10 to 12 ft., $3.50.

RED-BUD. 2 to 3 ft., each $2.00; 3 to 4 ft., $3.50.

SYCAMORE. 100 ft. Seems to prefer a river bank or moist place, where the towering white trunk with its ragged gaunt branches typifies independence. 5 to 6 ft., each $2.50; 6 to 8 ft., $3.50; 8 to 10 ft., $5.00.

WILLOW, Weeping. A pendulous-branched tree, 40 feet high, that is very effective when planted at the waterside. 6 to 8 ft., each $3.00; 8 to 10 ft., $4.50.

Hedge Plants

BARBERRY, Green-Leaf. The best and most practical low hedge plant. It also makes a good footing or base planting near the house, or as a border plant in front of tall-growing shrubs. 12 to 15 in., 10, $3.00; 100, $15.00. 15 to 18 in., 10, $4.00; 100, $30.00. 18 to 24 in., 10, $5.00; 100, $37.50.

LIGUSTRUM Regelianum (Regel Privet). 5 to 6 ft. Because this spreading Privet thrives where smoke and dust are present, it is very popular for city plantings. Also invaluable for shrub groupings, and a splendid sort for producing a fairly low, compact hedge. 3 to 4 ft., each $1.25; 4 to 5 ft., $1.75.

PRIVET, California. The best-known hedge plant. Dark green foliage which remains on the plant until midwinter. Well-branched heavy stock, 1½ to 2 ft., 10, $1.75; 100, $12.00. 2 to 3 ft., 10, $2.50; 100, $15.00.

ALL PRICES ON THIS PAGE ARE SUBJECT TO MARKET CHANGES

California Privet Hedge

In this locality, Nursery Stock can be planted in early February. May we urge that your order be placed EARLY.

Evergreens, Trees and Shrubs

Tall Evergreens

ARBORVITÆ, American. Tall, rapid grower. 18 to 24 in., each $2.00; 2 to 2½ ft., $2.50; 2½ to 3 ft., $3.25; 3 to 4 ft., $4.00; 4 to 5 ft., $5.00; 5 to 6 ft., $6.50.

BIOTA compacta. A thick, columnar evergreen. 2 to 3 ft., each $3.00; 3 to 4 ft., $4.00; 4 to 5 ft., $5.00; 5 to 6 ft., $6.50.

FIR, Balsam. Foliage dark above, pale beneath. 18 to 24 in., each $3.00; 2 to 3 ft., $4.00; 3 to 4 ft., $6.00.

HEMLOCK. Best evergreen for the shade. Will stand close shearing and makes a good hedge. 15 to 18 in., each $2.00; 18 to 24 in., $3.00; 2 to 3 ft., $4.00; 3 to 4 ft., $5.50; 4 to 5 ft., $7.50.

JUNIPER, Irish. Tall, narrow spires of blue-green foliage. Fast growing. 3 to 4 ft., each $3.50; 4 to 5 ft., $4.50; 5 to 6 ft., $6.00.

PINE, Austrian. 50 to 60 ft. Stiff, deep green needles on upward curving boughs. Very hardy and even thrives near the seashore. 18 to 24 in., each $2.50; 2 to 3 ft., $4.50; 3 to 4 ft., $5.50; 4 to 5 ft., $7.00.

P., White. 18 to 24 in., each $2.50; 2 to 3 ft., $4.00; 3 to 4 ft., $5.50; 4 to 5 ft., $7.00.

RETINOSPORA plumosa. Graceful plume-like foliage of a pretty green. 2 to 3 ft., each $3.00; 3 to 4 ft., $4.00; 4 to 5 ft., $5.50; 5 to 6 ft., $7.00.

R. plumosa aurea. Golden tipped. 18 to 24 in., each $2.00; 2 to 3 ft., $3.00; 3 to 4 ft., $4.00; 4 to 5 ft., $5.50; 5 to 6 ft., $7.50.

SPRUCE, Norway. Dark green, handsome tree reaching 30 to 50 feet. Good for hedges. 18 to 24 in., each $2.00; 2 to 3 ft., $3.25; 3 to 4 ft., $4.50.

YEW, Upright (*Taxus cuspidata capitata*). Symmetrical in shape, bearing brilliant scarlet fruits which are very attractive against the black-green foliage. 15 to 18 in., each $3.00; 18 to 24 in., $4.00; 2 to 3 ft., $5.50; 3 to 4 ft., $7.50.

Dwarf Evergreens

ARBORVITÆ, Globe. Globe-shaped evergreen with dense dark green foliage. Used in large tubs or for entrance planting. 12 to 15 in., each $1.50; 15 to 18 in., $2.25.

JUNIPERUS chinensis Pfitzeriana (Pfitzer's Juniper). Low, spreading; dark green branches. Very effective when used among other types in the foundation planting. 15 to 18 in., each $3.00; 18 to 24 in., $3.75; 2 to 2½ ft., $4.50.

PINE, Mugho (Dwarf Pine). Gray foliage; compact; very ornamental. 15 to 18 in., each $2.50; 18 to 24 in., $3.50.

YEW, Spreading (*Taxus cuspidata*). Moderately bushy growth. Branches densely clothed with short dull green leaves. 12 to 15 in., each $2.25; 15 to 18 in., $3.00; 18 to 24 in., $4.50; 2 to 3 ft., $6.00.

Broad-leaved Evergreen Shrubs

ABELIA grandiflora (Bush Arbutus). Leaves dark green and glossy. Flowers white, funnel-shaped, tinged with pink, delicately sweet scented, borne in clusters from early spring until late autumn. 15 to 18 in., each $1.25; 18 to 24 in., $1.75.

AZALEA, Hinodegiri. Low-growing. Brilliant scarlet flowers and evergreen leaves. 8 to 10 in., each $2.25; 10 to 12 in., $3.00; 12 to 15 in., $3.75.

A., Kurume (Coral Bell). Clear pink. 8 to 10 in., each $2.25; 10 to 12 in., $3.00.

A., Snow. Pure white. 8 to 10 in., each $2.25; 10 to 12 in., $3.00; 12 to 15 in., $3.75.

Azalea and Rhododendron

BOXWOOD, Old English (*Buxus suffruticosa*). Very slow-growing. Fine for edging or borders. 4 to 6 in., each 35c.; 6 to 8 in., 60c.; 8 to 10 in., 90c.

B., American (*B. sempervirens*). The faster-growing variety. 8 to 10 in., each 75c.; 10 to 12 in., 90c.; 12 to 15 in., $1.65; 15 to 18 in., $2.00.

ILEX crenata (Japanese Holly). 8 to 10 ft. Good shrub or hedge plant, with evergreen boxwood-like leaves and black berries. 15 to 18 in., each $2.75; 18 to 24 in., $3.75.

NANDINA domestica (Heavenly Bamboo). Showy shrub of medium height; large clusters of small red berries in autumn. Dark green foliage assumes orange-red or crimson color in winter. 15 to 18 in., each $1.50; 18 to 24 in., $2.25; 2 to 3 ft., $3.00.

RHODODENDRON catawbiense. Large purple flowers. 18 to 24 in., each $3.50; 2 to 3 ft., $5.00.

R. maximum (Rosebay). Large pink to white flowers. 18 to 24 in., each $3.00; 2 to 3 ft., $4.50.

R. carolinianum. Pink. 18 to 24 in., each $3.50; 2 to 3 ft., $5.00.

Fruits and Berries

APPLE TREES

2-yr.-old, each $2.00

Winter Varieties

Delicious. Fruit large, dark red. Flesh fine-grained, crisp and melting, juicy with a delightful aroma. Annual bearer.

Stayman (Improved Winesap). Red; large. More prolific.

York Imperial. Yellow, blush cheek. An early and good producer.

Autumn Varieties

Grimes Golden. Good size; yellow; of highest quality. Productive.

Summer Varieties

Early Harvest. Medium. Pale yellow; tender, juicy.

Yellow Transparent. Earliest. White skin changing to pale yellow.

CHERRY TREES

2-yr.-old, each $2.50

Early Richmond. Sour, light red fruit. Bears about the middle of June.

Montmorency. Sour variety. Bears last of June.

Napoleon. Large; sweet. Good quality. Midseason.

Tartarian. Large, sweet, black Cherries in June.

PEACH TREES

2-yr.-old, each $2.00

Belle of Georgia. Large; white flesh. Freestone.

Carman. White flesh. Early and large. Semi-clingstone.

Elberta. Large; yellow flesh. Freestone. A few days later than Belle of Georgia.

PEAR TREES

2-yr.-old, each $2.50

Bartlett. The best, large eating Pear.

Seckel. Small; sweet. Very popular.

PLUM TREES

2-yr.-old, each $2.50

Abundance. The popular early cherry-red Plum.

Burbank. A well-known dark red early variety.

Damson (Blue Shropshire).

GRAPE-VINES

2-yr.-old, postpaid

Caco. Large wine-red berries. Each 75c.

Concord. The standard black.

Lucile. Light red wine Grape.

Moore's Early. Large; black.

Niagara. White.

All Grape-Vines, except where noted, each 60c.; 6, $3.00.

RED RASPBERRY PLANTS

No. 1 Plants, postpaid, delivery March 15 to June 1

	10	25	50	100
Chief (Early)	$2 50	$4 00	$7 00	$13 00
Latham (Late)	2 50	4 00	7 00	13 00
Newburgh (Midseason)	2 50	4 00	7 00	13 00
St. Regis (Everbearing)	2 50	4 00	7 00	13 00

BLACK RASPBERRY PLANTS

Postpaid

	10	25	50	100
Cumberland (Midseason)	$2 50	$4 00	$7 00	$13 00

STRAWBERRY PLANTS

Postpaid

Delivery March 15 to May 15. 100 to 475 plants at 100 rate, 500 at 1000 rate. No plants shipped C. O. D.

	25	50	100	1000
Early Varieties				
Blakemore	$1 50	$2 50	$3 50	$16 00
Dorsett	1 50	2 50	3 50	16 00
Premier	1 50	2 50	3 50	16 00
Midseason Varieties				
Big Joe	$1 50	$2 50	$3 50	$16 00
Catskill	1 50	2 50	3 50	16 00
Late Varieties				
Redstar	$1 75	$2 75	$3 75	$17 00
Starbright	1 75	2 75	3 75	17 00
Everbearing Varieties				
Mastodon	$2 25	$3 75	$5 50	$30 00

BLACKBERRY PLANTS

Strong plants, postpaid

	10	25	50	100
Eldorado (Midseason)	$2 25	$3 75	$6 50	$11 00

BOYSENBERRY PLANTS

Postpaid

1-yr. No. 1 Plants	$3 00	$5 50	$9 00	$16 00

ALL PRICES ON THIS PAGE ARE SUBJECT TO MARKET CHANGES

Two Pages of Great Plants

Tuberoses

Excelsior Double Pearl. Delightfully fragrant white flowers. Plant in the garden as soon as all danger from frost is past. Postpaid, large bulbs, each 15c.; $1.40 for 10. Not postpaid, each 15c.; $1.30 for 10; $3.00 for 25.

Ismene calathina
(Peruvian Daffodil)

A lovely white lily-like bloom with a greenish tinge. The bulb is not hardy and should be planted in the spring. It blooms within a few weeks after planting. As a general rule, the foliage is only partly developed at the time of its blooming period. It is fragrant and greatly admired by those who know it. Postpaid, each 45c.; $3.75 for 10.

Ismene calathina

On pages 50 and 51 we offer a group of plants providing exceptional decorative value. Plants like Cannas and Caladiums are showy, and beds of them provide pleasing exotic pictures. Gladiolus are beautiful in the garden, and few ever have enough plants to supply the desire for "Glads" in the house. They are superb cut-flowers.

Tuberoses, the Peruvian Daffodil and the two Vines should be planted for their fragrance, even if they were not good-looking, but they are, so are doubly valuable. These are all important garden plants.

Cinnamon Vine

A hardy climber which grows very rapidly. The foliage is bright green and the white flowers are cinnamon-scented. Postpaid, tubers, each 15c.; $1.25 for 10.

Madeira Vine

A very quick-growing vine bearing graceful feathery white flowers of a delightful fragrance. Postpaid, tubers, each 15c.; $1.25 for 10.

Fancy-leaved Caladiums

Rich and gorgeous-colored foliage. Plant outdoors in early May. Excellent for the conservatory, window-boxes and outdoor beds. Mixed colors. Postpaid, bulbs, each 35c.; $3.00 for 10.

Hyacinthus candicans
(Summer-flowering Hyacinth)

A luxuriant, free-flowering plant bearing 20 to 30 bell-shaped flowers of creamy white in clusters on spikes 2 to 3 feet long. Postpaid, choice bulbs, each 15c.; $1.25 for 10.

Caladium (Elephant's Ear)

Wonderful plants for lawns, borders or backgrounds. To obtain the maximum growth they should be planted in rich soil where they will get plenty of water. A full-sized plant will stand 6 feet high and bear immense leaves 3 to 4 feet long by 27 inches wide. They should not be planted outdoors until May 1, but to get them into early growth they can be started in pots in the house.

Mammoth Bulbs, each 40c.; $3.50 for 10.
Large Bulbs, each 25c.; $2.00 for 10.

Add 10c. each for postage, or 35c. for 10.

Caladium (Elephant's Ear)

Flowering Bulbs and Roots

Bolgiano's Magnificent Gladiolus

Add 10 per cent for Express or Parcel Post Orders

Plant groups of Gladiolus bulbs every two weeks, from April 15 until July 1, for bright masses of garden color all summer and plenty of cut-flowers. Plant the bulbs 4 to 6 inches deep and 6 inches apart.

Blooming Dates: (E) Very Early, (EM) Early Midseason (M) Midseason, (LM) Late Midseason, (L) Late to very late.

Ave Maria. Large-flowering light violet. $1.25 for 10; $10.50 per 100.

Badger Beauty. Lavender with creamy white throat. 35c. each; $3.00 for 10; $6.50 for 25.

Beacon. (EM) Brilliant, clear, dark rose, with a pronounced blotch. Florets slightly waved and ruffled. No garden is complete without it. $1.15 for 10; $9.50 per 100.

Gladiolus

Beautiful Dream. Tall. Many large soft pink flowers with yellow blotch open at once. $1.25 for 10; $10.00 per 100.

Bingo. A sport of Picardy, equally large in size, with the same markings in the throat, but of a cream shade. $1.30 for 10; $10.50 per 100.

Bit o'Heaven. (M) A very tall, rich coppery orange Glad. Vigorous grower with eight to ten buds open at once. Long flower-spike. $1.00 for 10; $8.50 per 100.

Canberra. (L) Intense yellow. A consistent prize-winner. $1.15 for 10; $9.50 per 100.

Commander Koehl. (M) Very large; clear blood-red. Tall, straight spikes. $1.35 for 10; $11.00 per 100.

Corona. Creamy white with a rose picotee edge. $1.60 for 10; $14.00 per 100.

Debonair. (LM) La-France-pink, cream throat; long flower-head. $1.00 for 10; $8.50 per 100.

Diane. (L) A very consistent orange-salmon-colored variety with cream throat. A dependable performer in every respect. Tall, straight spike, free from disease. $1.20 for 10; $10.50 per 100.

Excellence. (E) Scarlet; large; excellent cut-flower and garden variety. $1.10 for 10; $8.75 per 100.

Maid of Orleans. (M) Creamy white. $1.15 for 10; $9.25 per 100.

Margaret Beaton. A rich milky white with a tiny spark of vermilion deep in the throat. $1.50 for 10; $13.50 per 100.

Peggy Lou. (M) Smooth, shrimp-pink. $1.15 for 10; $9.25 per 100.

Phyllis McQuiston. (M) Large deep glowing shrimp-pink shading little lighter in the throat; five or more large blooms open on a long spike. Tall, vigorous plant. $1.10 for 10; $9.00 per 100.

Picardy. (LM) Soft apricot-pink with silvery sheen. A strong grower. $1.15 for 10; $9.25 per 100.

Red Lightning. Bright red with cream blotch. $1.40 for 10; $12.00 per 100.

Rosa van Lima. (E) Pure self-colored light pink with many flowers open at one time on fine strong, straight stems. $1.15 for 10; $9.50 per 100.

Snow Princess. (LM) Generally considered the finest early, pure white Gladiolus. Large florets on tall, straight spike. $1.15 for 10; $9.75 per 100.

Vagabond Prince. (M) Iridescent brown, lighter in upper throat with small blotch of glowing scarlet on lip petals—a most unusual color combination. $1.15 for 10; $9.50 per 100.

Van Tienhoven. (L) Fine brilliant red. $1.15 for 10; $9.50 per 100.

Yellow Wonder. (EM) Clear yellow. Tall, wiry spikes with many blooms open at once. Very free blooming. $1.15 for 10; $9.25 per 100.

Add 10 per cent for Express or Parcel Post orders

For Capitol City Mixed Gladiolus, see 4th Cover.

5 or more corms of a variety at the 10 rate, 25 at the 100 rate.

90 cts. for 10, $7.00 per 100, postpaid

Cannas

Bolgiano's Cannas

Cannas bloom from early summer until frost. For best results, spade the beds 2 feet deep and incorporate in the soil a liberal amount of well-decayed manure of any kind. Water well at all times. Set the plants 18 inches apart.

Ambassador. Rich cherry-red flowers of immense size. Foliage and stalks bronze. 4 ft.

Apricot. Buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. Green foliage. 4 ft.

City of Portland. Contrasting with the rich, deep green foliage are flowers of a bright pink color. 5 ft.

Eureka. A beautiful creamy white Canna with large, bold flowers. The foliage is rich dark green. 4 ft.

Hungaria. Large flower-trusses of heavy substance, carried on strong stems. The magnificent blooms are a shade of rose-pink. 4 ft.

King Humbert. Large, heart-shaped, purplish bronze leaves forming a sharp contrast to the immense blooms which are velvety orange-scarlet, rose-tinted and margined at the base. 4 ft.

Mrs. Alfred F. Conard. Gigantic flowers borne in immense clusters; color, delightful salmon-pink. Foliage light green. 4 ft.

Richard Wallace. Large, showy, pure canary-yellow flowers carried on good stems. Green foliage. 4 ft.

The President. Rich, glowing scarlet; superior in quantity and quality of bloom to any other red variety. Green foliage. 4 ft.

Wintzer's Colossal. Flowers frequently 8 inches in diameter, bright scarlet; very effective. Free-flowering bedding variety. 5 ft.

Yellow King Humbert. A sport of the well-known bronze-leaved variety, but with green foliage. Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. 4 ft.

Postpaid, each 15c.; $1.35 for 10.
Not postpaid, each 12c.; $1.15 for 10; $9.25 per 100.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Class

Mixed Pompon Dahlias

Jersey's Beauty

PRICES POSTPAID

Bolgiano's Dahlias

PRICES POSTPAID

Our Dahlias are grown under conditions that make them vigorous. They are not overfed. They are grown in ordinary soil and under conditions such as the average grower finds. Our Dahlias GROW for our customers. We list only varieties of proved merit. Every tuber is guaranteed to have an eye or sprout and no broken neck.

ABBREVIATIONS: (F.D.) Formal Decorative, (I.D.) Informal Decorative, (Min.) Miniature, (SC.) Semi-Cactus, (Pom.) Pompon.

Alice May. (I.D.) The flower is tremendous, with a beautiful artistic form. Strong, long stems. Finest white. Each $1.00.

All-American. Carmine with orange undertone. Bushes grow 6 feet high, covered with immense blooms on straight stems. This is a very rugged variety and a consistent prize-winner. Each $1.50.

Avalon. (I.D.) Clear canary-yellow. Large flower of fine form. Each 45c.

Baerne. (S.C.) Deep rose-pink at tips, shading to amber-yellow at base of petals. Stems strong and erect. Very early and profuse. Each 60c.

Ballego's Surprise. (S.C.) A deep, full-centered bloom of pure white. Exceptionally free flowering. A strong, dependable grower. Each $1.00.

Bandoeng. (I.D.) Cinnamon-buff, russet-orange, and scarlet. A strong bush, with heavy foliage. Easy to grow. Each 75c.

California Idol. (I.D.) Clear lemon-yellow. Produces very deep blooms with full high centers. Each 75c.

Carl G. Dahl. (I.D.) Enormous apricot-buff blooms, shading to old-rose on reverse of petals. Prolific bloomer; long, fine stems, vigorous grower. Each $1.00.

Cherokee Brave. (I.D.) Ox-blood-red that holds its color in the hottest sun. Each $1.00.

City of Cleveland. (I.D.) Flowers of artistic form, bright orange suffused scarlet. Very rich and attractive in appearance. Each 60c.

Clara Carder. (I.D.) One of the greatest pinks grown. In a color class by itself—a beautiful shade of cyclamen-pink. Formation between formal and informal decorative. Immense blooms. Each 60c.

Class. (F.D.) Large; sulphur-yellow. Strong straight stems. Each $1.50.

Jane Cowl. (I.D.) Deep massive blooms of bronzy buff and old-gold, blending darker to center. Each 50c.

Jersey's Beauty. (F.D.) A beautiful rose-pink with silvery sheen. Ideal for cutting. The most popular pink. Each 50c.

Jersey's Dainty. (S.C.) Fine, white, flushed lavender. A beauty. Good keeper. Each 50c.

Josephine G. (I.D.) or (S.C.) Color is a very pleasing true pink of a bright shade, some petals tipped yellow. Prolific bloomer. Each 50c.

Julius C. Bunge. (S.C.) Pure bright pink. Heavy foliage. Early and profuse blooming habits. Each 75c.

Kentucky. (F.D.) Nice pink blended with yellow and gold. Each 45c.

Link's Blue Triumph. (F.D.) The finest blue Dahlia, an improved Blue River. Strong grower; bush medium height. Each $1.50.

Lois Walcher. (F.D.) Purple, tipped white. A strong grower with good stems; early bloomer. 3½ ft. Each $1.00.

Michigan White. (I.D.) One of the best prolific cut-flower Dahlias. Long stems; also a good root producer. 5 ft. Each $1.00.

Pink Giant. (I.D.) Bright pink. Long stems. Strong, rugged bushes with heavy foliage. Each $1.25.

Pride of Austinburg. (I.D.) A large beauty of pink and orange, with rich rose on reverse of petals. A thrifty grower and profuse bloomer. Very desirable. Each 60c.

Red Salute. (F.D.) Heavy petals and leathery foliage as well as the bright cardinal-red color, place this variety in good standing as a red Formal. An early and continuous bloomer. Each 75c.

Son of Satan. (S.C.) Bright scarlet with strong stems. Better than Satan. Each $1.00.

Thomas Edison. (F.D.) A grand and striking variety of deep royal purple. Deservedly popular. Each 75c.

Watchung Giant. (I.D.) The very large shaggy blooms are of a rich golden color which is most pleasing. Plants are medium tall and sturdy and produce blooms in great profusion. Each 75c.

Small-flowered Varieties

Belle of Springfield. (Pom.) Small solid red flower of perfect shape and with good stem. Each 35c.; 3 for $1.00.

Betty Anne. (Pom.) Soft clear pink. Each 35c.; 3 for $1.00.

Bobby. (Pom.) Deep plum-purple. Very free flowering. Good shape. Each 35c.; 3 for $1.00.

Dusky. (Min.) Dark red, almost black. Each 35c.; 3 for $1.00.

Joe Fette. (Pom.) This is the leading white variety. Nice stems. Each 35c.; 3 for $1.00.

Little Edith. (Pom.) Primrose-yellow tipped carmine. Each 35c.; 3 for $1.00.

Mary Munns. (Pom.) Fine lavender of perfect shape. Good producer. Each 35c.; 3 for $1.00.

Morning Mist. (Pom.) Blooms with rosy lavender overlay on white base. Long, strong stems. Vigorous grower. Extra fine. Each 40c.

Mrs. J. Telfer. (Pom.) White with a slight yellowish cast. One of the best of the white Pompons. Each 65c.

Mixed Dahlias

Mixed Dahlias. A big-value offer of many good varieties that have become mixed in handling or from which labels have been lost. For those who do not care for names, this collection will be very satisfactory. Each 20c.; $2.25 per doz.

Dwarf Dahlias

P. M. Mixture. Pompons and Miniatures that have gotten mixed in growing and names lost. All good. A fine collection of these popular types. Each 20c.; $2.25 per doz.

Begonias, Tuberous-rooted

For shady borders or beds

These lovely bedding plants may be grown outdoors in the summer in shady places where they receive plenty of moisture.

Double Camellia-flowered

An improved double strain which greatly resembles the camellia in form of flower.

Apricot **White** **Rose**
Red **Salmon**

Postpaid, each 35c.; $3.00 for 10

ALL PRICES ON THIS PAGE ARE SUBJECT TO MARKET CHANGES

Mrs. Pierre S. du Pont

Our Standard Popular Varieties All Everblooming

Strong 2-yr.-old field-grown plants $1.10 each
Add 10 per cent for Express or Parcel Post Orders

Ami Quinard. Velvety crimson-maroon with soft black lustre.
Betty Uprichard. Salmon and carmine.
Daylight. Double, creamy blush-pink with yellow base.
Editor McFarland. Long-lasting, perfectly formed blooms of deep pink on fine stems; slightly fragrant.
Girona. Multicolored. Lovely buds of Turkey-red and golden yellow. Alluring, rich, attar-of-rose fragrance.
Kaiserin Auguste Viktoria. Pearly white, opening to large double white blooms.
Lady Ashtown. Carmine-pink flowers on long stems. An old variety but one that has proved its worth.
Mrs. Pierre S. du Pont. Beautiful flowers of rich deep yellow appear in profusion on low healthy plants. Spicy fragrance.
Poinsettia. Scarlet. You will be charmed with this beauty, with its lovely, well-formed, long buds and vividly colored flowers of poinsettia-scarlet, which suggested the name.
Radiance. Brilliant rose-pink.
Red Radiance. Deep rose-red.
Sœur Therese (Sister Therese). The long, tapering buds are chrome-yellow, sweetly scented and held on excellent cutting stems.
Talisman. Pink, gold and yellow.

Sœur Therese

Bolgiano's Roses

May we strongly urge that your orders be placed early, due to scarcity of Rose plants.

New Hybrid Tea or Monthly Roses

PATENTED VARIETIES

Better Times. Pat. 23. Bright cerise-pink flowers, excellent for cutting. Large and high centered. $1.25 each.

California. Pat. 449. Bronzy apricot; reverse of petals coppery pink. Small foliage. $1.50 each.

Countess Vandal. Pat. 38. Coppery bronze with gold. $1.25 each.

Crimson Glory. Pat. 105. Deep velvety crimson. $1.50 each.

Douglas MacArthur. Pat. 581. A winner everywhere. Rose, gold, and salmon-colored blooms on a strong bush. $2.00 each.

Eclipse. Pat. 172. Rich gold; lovely long buds. $1.25 each.

Grande Duchesse Charlotte. Pat. pending. Lovely burnt carmine; well-formed buds and blooms. $1.50 each.

Lowell Thomas. Pat. 595. A magnificent new yellow Rose of lemon-chrome color. Vigorous grower and good bloomer. $2.00 each.

McGredy's Sunset. Pat. 317. Yellow and orange, flushed scarlet. $1.25 each.

Mirandy. Pat. 632. Large, very double, rich maroon-red blooms freely borne. Long lasting in bouquets. $2.50 each.

Peace. Pat. 591. Very large, full-petaled flowers of soft yellow suffused and edged pink. Distinctive and charming. $2.50 each.

Pearl Harbor. Pat. 637. Light pink flowers of extra good size, on long stems. $1.50 each.

Pedralbes. Cream-white petals; large yellow center. Slight fragrance. $1.25 each.

Outstanding Floribunda Roses

All Floribunda Roses, except where noted, $1.25 each

Betty Prior. Pat. 340. Carmine outside, pink inside.

Donald Prior. Pat. 377. Scarlet flushed crimson.

Floradora. Pat. pending. Polytntha. Brilliant cinnabar-red blooms tinged with scarlet and geranium; the miniature buds are ovoid in shape, pinkish orange in color. Prolific and continuous, with best bloom in early June and late fall. $1.50 each.

Gloria Mundi. A popular small-flowered variety with clusters of brilliant orange-scarlet blooms. Low, bushy growth.

Pink Gruss an Aachen. A low, bushy plant bearing double, salmon-pink flowers. $1.10 each.

Pinocchio. Pat. 484. Exquisite pointed buds, salmon, flushed gold.

Red Ripples. Pat. pending. Intense red blooms that are fine for mass planting and also for boutonnieres.

Summer Snow. Pat. 416. Double white blooms.

World's Fair. Pat. 362. Large velvety scarlet flowers; very hardy.

American Beauty

Climbing Roses

American Beauty. Very early. Large, sweet-scented, light crimson or deep rose-pink flowers. $1.10 each.

Blaze. Pillar. Pat. 10. Scarlet-crimson. Makes a gorgeous show for weeks in June. Under favorable conditions it often repeats in the fall. Quite hardy. $1.50 each.

Doubloons. Pat. 152. Vigorous, healthy yellow climber. Large flowers with spicy fragrance. $1.50 each.

King Midas. Pat. 586. Large yellow flowers in clusters of 4 to 6 on strong climbing plants. $1.50 each.

New Dawn. Pat. 1. The everblooming Dr. W. Van Fleet. Fragrant pink flowers on long stems. $1.50 each.

Paul's Scarlet. Clear vivid scarlet. $1.10 each.

Summer Snow. Pat. 400. Pillar. Profuse white blooms in June. Repeats all summer. $1.50 each.

Torch. Small, semi-double flowers of scarlet-orange with white eyes, in clusters. Vigorous, reaches 6 to 8 feet. Blooms in June. $1.25 each.

Acme Scientific Rose Spray

A "system" of spray treatment for roses and flowers of all kinds. Eliminates guess-work. Each set contains 3 separate items —A, B, and C— each scientifically made to combat one of the three major classifications of blight and insect pest. Mix all three together with water. Use regularly. Result: Complete all-round protection. Surprisingly economical.

No. 3.	12 qts.	$0 95
No. 6.	24 qts.	1 50
No. 24.	96 qts.	4 00
No. 48.	48 gals.	6 00
No. 96.	96 gals.	9 75

LIQUIDS NOT MAILABLE

BISHOP BIRD-HOUSES, FEEDERS AND SHELTERS

No. 115 Suet Rack and Wild Bird Cake

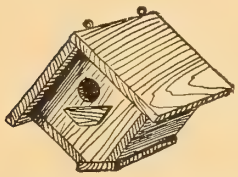
Bishop Suet Rack

A perfect gift for the bird-lover—attractively packaged. This new feeder—because it is self-closing—always holds the cake firmly as it is eaten. There is no waste as birds can reach the last crumb.

No. 115. Complete with cake, $1.10.

Bishop Wild Bird Cake

A balanced food, in cake form, molded of pure beef suet with a dozen varieties of seeds, grains, and berries. Net weight, 12 ounces minimum. Each 35c.; doz. $4.00.



Bolgiano's Special Wild Bird Feed

Composed of sunflower seeds, peanuts, wheat, buckwheat, kaffir corn, millet, canary seed, wild rice, hulled oats. Ask for current prices.

Wren House

No. 30. An attractive home of simple, yet pleasing design. The bottom may be opened for cleaning by simply loosening two screws. Size: 7½ inches. Price $1.20.

Bishop Window Feeders (Patents pending)

No. 119. Illustrated above. Fitted with hinged glass top, permitting one to care for the Feeder from within the house. Has built-in seed-hopper and suet rack. Constructed of durable cypress. Length 24 in. $5.75.

No. 124. Same as above, but made of pine, and 17 inches long. $4.00.

No. 101

Bishop Feeder complete with Wild Bird Cake

No. 101. Attractive in appearance and attractive to the birds. Will bring many species. Height 10 in. $1.35 complete.

Gaines Dog Food

Gaines Meal. A complete balanced food in granular form, with a reservoir of vitamins A, B, D, E, and G. Recommended for both adult dogs and puppies. 5 lbs. 45c.; 10 lbs. 90c.; 25 lbs. $2.15; 50 lbs. $4.05.

Gaines Krunchon. Gaines meal hardened by pressure into pellet form which does not injure the precious vitamins. Thus it unites the nutritional qualities of the meal with all the advantages of a hard food. 5 lbs. 50c.; 10 lbs. $1.00; 25 lbs. $2.35; 50 lbs. $4.35.

Root QUALITY BEE SUPPLIES

Bee Supplies

KEEP BEES FOR PROFIT

Ask for Free Catalog

Root's Famous Lock-Cornered Frames

	Wt.	100	10	50	100
Hoffman Frames. 9⅛ x 17⅝ in.	46		$0 85	$3 10	$6 05
Sh. Ext. Frames. Regular depth 5⅜ in.	26		60	2 30	4 30

Sections 4¼ x 4¼ x 1⅞ in.

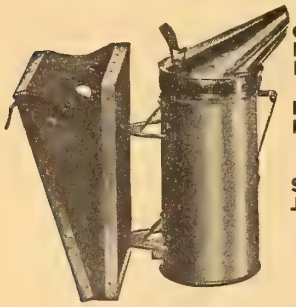
	Quan.	Ship.Wt.	Price
No. F1	100	8 lbs.	$1 45
No. F3.	500	32 lbs.	6 60
No. F3.	1000	62 lbs.	13 20

Sections 4 x 5 x 1⅜ in.

	Quan.	Ship.Wt.	Price
No. F20.	100	6 lbs.	$1 35
No. F22.	500	29 lbs.	6 10
No. F22.	1000	56 lbs.	12 20

4¼ x 4¼ x 1⅞

Cat. No.	Quan.	Ship.Wt.	Price
No. F6. (Split)	500	32 lbs.	$7 05
F9. (Grooved)	500	32 lbs.	7 05
4 x 5 x 1⅜			
F25. (Split)	500	29 lbs.	$6 55
F28. (Grooved)	500	29 lbs.	6 55



TIN SMOKERS

Standard. 3¼ x 7 in.	2 lbs.	$1 05
Jumbo. 4 x 7 in.	3 lbs.	1 25

HIVE TOOLS

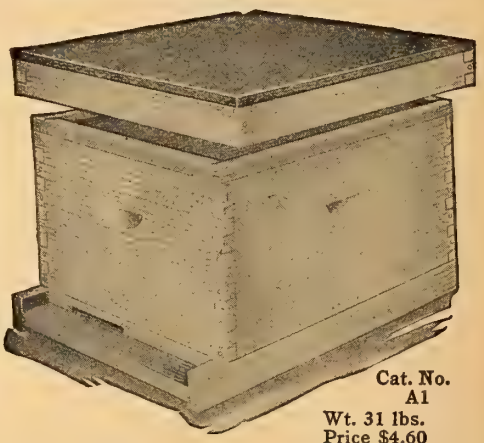
8-in.	4 ozs.	$0 57
10-in.	6 ozs.	65

Inexpensive Frame Wiring Outfit. 50c.

Bee Supplies STANDARD HIVE

10 frames, no foundation, KD

Root Quality Hives. Made of select, clear white pine, the corners accurately dovetailed. The improved handholds are hollowed out to fit the fingers. Top is pressed into shape, thereby preventing all leaking. Bottom board is made of cypress. The frames are the new lock-cornered frames that can be assembled faster than any others. Full directions are included with each hive.



Cat. No. A1
Wt. 31 lbs.
Price $4.60

Cat. No.	Quantity	Wt.	Price
C17. 1 Shallow Super with L. T. Frames.		9	$1 20
C18. 5 Shallow Supers with L. T. Frames.		39	5 25
D8. Supers. For plain 4 x 5 sections. No sections or foundation	1 KD	12	1 90
D9. Supers. For plain 4 x 5 sections. No sections or foundation	5 KD	50	8 70
D5. Supers. For beeway sections. No sections or foundation	1 KD	8	1 15
D6. Supers. For beeway sections. No sections or foundation	5 KD	39	5 40

Airco Comb Foundation

Cat. No.		Ship. Wt.	Price
H1. 3-ply Brood Foundation, 8 x 16¾ in.	10 sheets	3 lbs.	$1 50
H3. 3-ply Brood Foundation, 8 x 16¾ in.	50 sheets	9 lbs.	6 85
H20. Single-ply Foundation.	10 sheets	3 lbs.	1 30
H22. Single-ply Foundation.	50 sheets	8 lbs.	5 95
J1. Thin Super Foundation.	1-lb. carton	2 lbs.	1 10
J3. Thin Super Foundation.	5-lb. carton	7 lbs.	5 25

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

BOLGIANO'S BLOOD-TESTED BABY CHICKS

Bred for Constitutional Vigor and Heavy Egg Production . Strong, Healthy, Lively Chicks

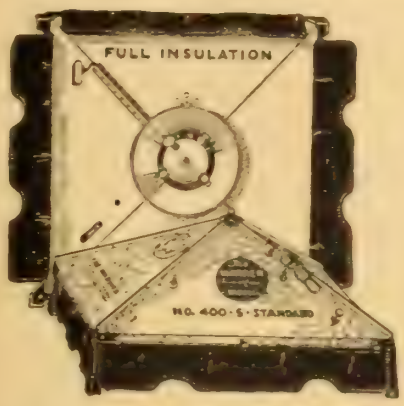
WE PAY THE POSTAGE IN FIRST, SECOND AND THIRD ZONES

VARIETY

S.-C. White Leghorns — **White Rocks**
Barred Plymouth Rocks — **Rhode Island Reds**
New Hampshires — **Rock-Red Broiler** (Cross-Bred)

WRITE FOR PRICES. AS SEASON ADVANCES PRICES DECLINE

Be sure when writing us that your full name and post office is very plainly given. State plainly the number and variety of Chicks you want, when wanted, and we will acknowledge receipt of your order at once, and tell you as near as possible when the Chicks will be shipped.
Cash must be sent with your order, for we cannot ship C. O. D., by Express or Parcel Post.
We guarantee to deliver 97 per cent of the Baby Chicks to you in good condition.



ELECTRIC BROODERS 110 Volt A. C.

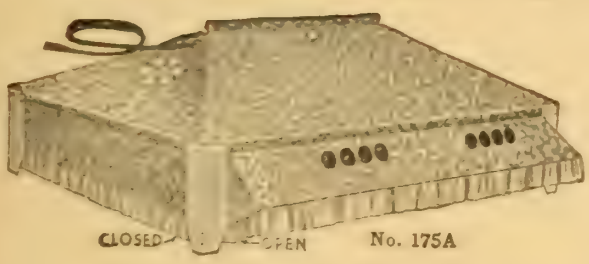
SPECIFICATIONS ON No. 400S

52 x 52 in. square canopy, fully insulated with ¼ in. thick Masonite except for the peak, which carries a 16 in. square heavy metal heater support and reflector plate. This reflector plate also provides a dead air space above the heater for extra insulation. Fully plated reflectors and one 800-watt Chromolox unit provide adequately for 400 chicks even during severe weather. Attraction light inside and pilot light outside.

Blue denim curtains, regular Warner switch, adjustable legs, eye-bolt in peak of Brooder for raising, aluminum coated on the inside, full approval by the Underwriters and Canadian Hydro Commission are other features of the new and improved Warner Standard Electric Brooder, illustrated. Shipping weight 56 pounds. $27.50.

SPECIFICATIONS ON No. 200S

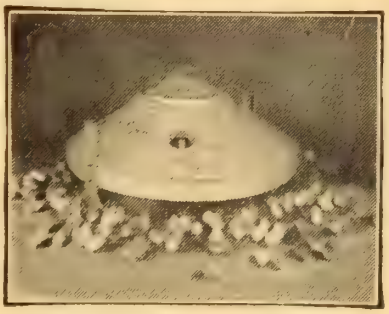
Same construction as 400S except that the No. 200S (200-chick capacity) is 36 x 36 in. square and equipped with 500-watt Chromolox Unit. Shipping weight 35 pounds. $21.50.



No. 175A

ELECTRIC BROODER No. 175A

No. 175A. 32 x 38 in., 150 chicks. Weight, 30 lbs., automatic, $12.75.



Shenandoah Air-conditioned Electric Brooder

No. 60. Diam. of hover, 60 in. Capacity up to 350 chicks. Complete $41.50.

BATTERY BROODER

Can Be Instantly Changed from Battery Brooder to Floor Brooder!

Fully Equipped—No Extras to Buy

100-Chick Streamlined Triple Duty Brooder is **fully equipped** with two feed and water pans, adjustable wire grids for various age chicks. Removable ½ x ½ in. mesh floor and dropping pan for easy cleaning. Dependable thermometer, cord and socket, 7½-watt pilot light. Lifetime guaranteed 500-watt Chromalox heater and thermostat. Size overall 43 in. long, 24 in. wide, 12 in. high. Inside 36 x 24 x 9½ in. Operates on 110-120 V., A.C. $12.50.

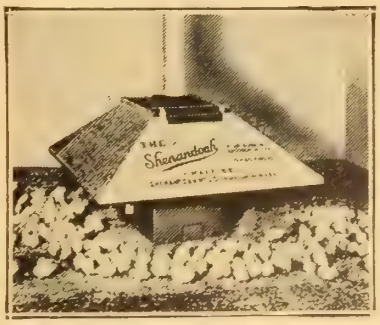
Coal Brooders

	Price
500-chick, 52 in. canopy, 109 lbs.	$24 00
1000-chick, 56-in. canopy, 130 lbs.	26 00
Roof Saddle Flange Pipe, 5-in., with cap	1 75
Revolving Rain Cap	65

At a small additional cost you can purchase an all-steel rack which holds four brooders, giving you a capacity of 400 day-old chicks. Rack is made of heavy steel. Brooders can be easily removed for cleaning. Shipped knocked down, easily assembled.

No. 46-5431R—Steel Rack. Wt. 12 lbs. $5.25.

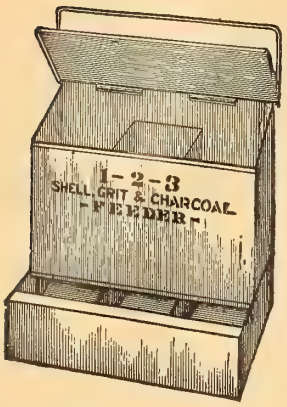
Shenandoah Time-Tested Wood-Burning Brooders



No. 24. For 10 x 10-ft. brooder rooms or larger and for winter brooding. Fuel capacity: 5.6 cu. ft. Size of hover, 51 x 51 in. Shipping weight 150 lbs. With steel door, as illustrated, $25.00.

POULTRY SUPPLIES

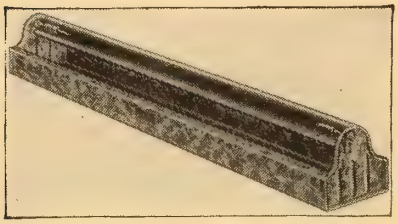
Shell and Grit Feeder



Will hold one, two or three kinds of feed at the same time.

	No. Compartments	Mailing weight	Price
No. 310.	3	3 lbs.	$1 25
No. 312.	3	4 lbs.	1 75

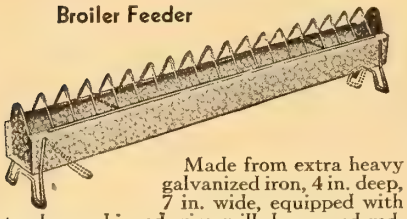
New Type Square End Metal Feeder B-30.



B-30. New Type Square End Metal Feeder. Extra-heavy four-blade reel. 30 in. long. 4 in. wide. 55c.

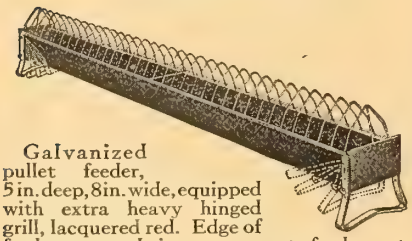
Hinged Grill

Broiler Feeder



Made from extra heavy galvanized iron, 4 in. deep, 7 in. wide, equipped with extra heavy hinged wire grill, lacquered red, with 1¾-in. openings. Edge of feeder turned in to prevent feed waste; strong set-in ends.
No. 481. 4 ft. 7 lbs. $1 75

Hinged Grill



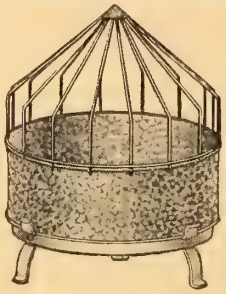
Galvanized pullet feeder, 5 in. deep, 8 in. wide, equipped with extra heavy hinged grill, lacquered red. Edge of feeders turned in to prevent feed waste; strong set-in ends.
No. 461. 5 ft. 12 lbs. $2 85

Longfellow Feeder

Sanitary—Waste-Proof—Perch-Proof—Large Capacity—Sturdy Construction

No. 405. The legs of sturdy ⅛-in. angle iron support the feeder 18 in. above the ground, which gives the fowls use of entire space under feeder. Perches are constructed in one piece, of 1 x 3 in. "A" quality lumber and are strong enough to support the weight of a full-grown person. Length 5 ft. Capacity 1½ bus. Feeding space approximately 10 ft. Shipping weight 25 lbs. $5.25.

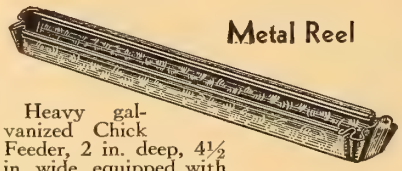
Round Grill Waterer and Feeder



With Hi-Lo Stand

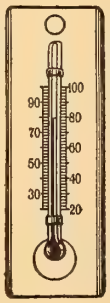
No. 39. Ideal for feeding table scraps. As illustrated. Diam. 14 in. Capacity 3 gals. Shipping weight 7 lbs. $1.75.

Metal Reel



Heavy galvanized Chick Feeder, 2 in. deep, 4½ in. wide, equipped with 4-blade double adjustment.

No. 424. 24 in. Weight 2 lbs. $0 35
No. 436. 36 in. Weight 2½ lbs. 45



Incubator and Brooder Thermometers

Incubator. Metal; solid stand $0 75
Brooder. Wood 75
Brooder. Metal 40
Moisture Gauge. For Incubators 1 50
Dairy Thermometer ... 65
Household Thermometer 40
Window Thermometer
Hotbed Thermometer. 1 50

Adjustable Leg Bands

Numbered
1 to 12 ..... $0 15
1 to 25 25
1 to 50 35
1 to 100 60

Celluloid Leg Bands

Made in sizes to fit all breeds, even chicks and pigeons. Colors—black, white, blue, red and green. When ordering state breed and color wanted. 12, 15c.; 25, 25c.; 50, 35c.; 100, 60c.

The New Vio-Ray Window Fabric

Admits the Sun's Ultra-Violet Rays Strong, Durable

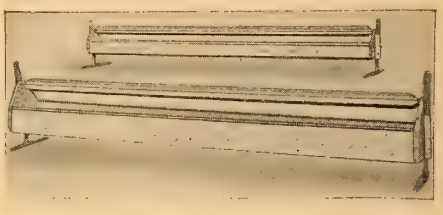
A transparent cloth, waterproof, weatherproof. Ideal for hotbeds, barn, hog house and garage windows, repairs, etc. 36 in. wide at 35c. per sq. yd. in less than rolls, 30c. per sq. yd. in full rolls.

Cel-O-Glass

Reinforced with Wire

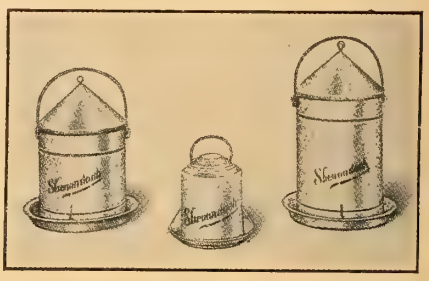
The real glass substitute for poultry houses, chicken coops, barns, hotbeds, etc. It is flexible, can be bent double, creased and then opened flat again without the slightest damage. Tack it on as you would wire netting. Admits ultra-violet rays of the sun, which are very essential. 15c. per sq. ft. Rolls of 25, 50, and 100 ft., 36 in. wide at 13½c. per sq. ft.

Feeders



INTERMEDIATE FEEDERS, TYPE I—With Legs

No. 1364RL with metal reel and adjustable legs $1 25
No. 1484RL with metal reel and adjustable legs 1 40
No. 1364GL with wire grill and adjustable legs 1 35
No. 1484GL with wire grill and adjustable legs 1 50



Wire stand for above fountains $0 25
3-gallon float valve fountain 2 50
5-gallon float valve fountain 3 50
8-gallon float valve fountain 4 50

Items unable to supply will refund or substitute.

PARCEL POST CHARGES EXTRA AND MUST BE INCLUDED IN YOUR REMITTANCE
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

POULTRY SUPPLIES, continued

1 Gallon "Health Spring" Fount

No. S401PB

This new sanitary all-purpose Fount is designed for use with water, milk or medicine. It's slop-proof, easy to fill and, best of all, has a screw-on non-breakable plastic base.

No. S401PB. 1 gallon "Health Spring" Fount Complete with Duraglas Top and Perma-Plastic Base. Diameter base 6¾ inches, with 1-inch drinking space. Provide 5 Founts for each 300 chicks. 65c.

Glass Pans for Mason Jars

An all-glass Drinking-Pan made of one piece of heavy flame-polished glass. Forms a sturdy base for any Mason jar—1-quart, 2-quart, or 1-gallon. Jar rests on shoulder of Glass Pan. Plenty of drinking-space. No metal clips or parts to rust. Ideal for water, milk and medicated water. Use four for each 100 chicks.

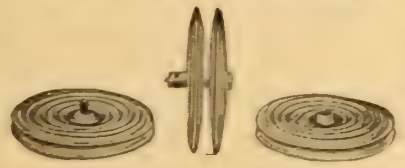
No. S6P. All-Glass Pan Fount. (Jars not included.) 10c.

Reliable Float Valve

A perfect automatic Valve and Float for regulating the flow of water in drinking-pan or trough.

This Valve may be adjusted to bring water-level to the height desired. It is threaded for ½-inch iron pipe thread. Pan is not furnished. $1.00.

Reliable Brass Wafer Thermostats for Any Incubator or Brooder



	Price
3-in.	$0 35
4-in.	45
5-in.	75

Handy Sanitary Fount

No. 302. 2-gal. $1.35.
No. 303. 3-gal. Weight 6 lbs. $2.25, less stand.
No. 505. 5-gal. Weight 14 lbs. $3.00, less stand.
No. 308. 8-gal. Weight 16 lbs. $4.00, less stand.
Stands, 25c.

Egg Scale

There are no springs—nothing to wear out. The dial is set on an angle for easy reading and shows both the weight per dozen and the actual weight of the egg. Attractively finished and carefully packed.

S505. Scale with Automatic Stop. $1.50.

Electric Egg Tester

No. 700

No. 700. Here is an Electric Egg Tester that will save time. It is durable, strong, very accurate, and easy to use. $1.50.

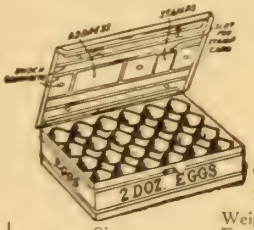
Eagle Egg Box

Knocks down in a very compact shape. **1-doz. size.** Per doz. 15c.; 100, $1.00; pkg. of 250 (weight 30 lbs.) $2.00; 1000, $7.50.

Egg Case Fillers

	Weight	Price
One set of 10 (30 doz.)	4 lbs.	$0 40
10 sets	50 lbs.	2 15
Flats (100)		$1.60

Aluminized Metal Egg Crates



Metal Egg Crates do not require any outside wrapping for mailing.

Size		Weight Empty	Price
1 doz.	All eggs.	2 lbs.	$1 25
2 doz.	All eggs.	3 lbs.	1 50
3 doz.	All eggs.	4 lbs.	1 75
4 doz.	All eggs.	5 lbs.	2 00
6 doz.	All eggs.	6 lbs.	2 50
12 doz.	All eggs.	10 lbs.	4 00
15 doz.	All eggs.	11 lbs.	4 75

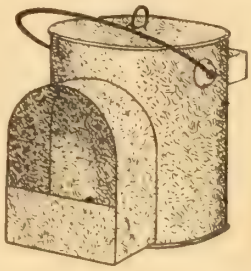
Stoneware Fountains and Milk Feeders

Made of best quality stoneware nicely glazed inside and outside. Three large openings for feeding buttermilk or sour milk to baby chicks.

We do not send these by mail, express or freight, as they do not carry well.

	Price		Price
1 qt.	$0 45	4 qts.	$0 55
2 qts.	50	8 qts.	1 00

Two-Piece Clean-Out Fountains



Top section slides into bottom section. The latest and most practical Sanitary Fountain on the market.

	Capacity	Mailing weight		Price
No. 210.	4 qts.	3 lbs.	Single mouth.	$1 45
No. 212.	8 qts.	4 lbs.	Single mouth.	1 75

Bottom-Fill Cone Fountain

Mailing weight, 2 lbs. **40c.**

Fountain and Feeders

No. 7

Very substantial pan with heavy rolled edge and electric welded center. Can be used for chick-feed as well as water. The glass fountain is designed for dispensing buttermilk and sour milk, also medicine. We do not furnish the glass jars.

Style	Price
Glass	$0 10
No. 7. Galvanized	10

Standard Sanitary Fountain

No. 200. Top section slides into bottom section. Practical to use, and easy to keep clean. 1½-gal. $1.25

ITEMS UNABLE TO SUPPLY WILL REFUND OR SUBSTITUTE

PARCEL POST CHARGES EXTRA AND MUST BE INCLUDED IN YOUR REMITTANCE

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

POULTRY REMEDIES

Lee's Acidox

An aid in the treatment of all six kinds of coccidiosis. Add 1 tablespoonful of Acidox to each gallon of clean drinking water (1 teaspoonful to each quart) *every other day* for two weeks. On days in between when Acidox is *not* used, add *Germozone* to the drinking water (2 tablespoonfuls to each gallon, 2 teaspoonfuls to each quart).

4 ozs. (enough for 100 chicks) $0 50
12 ozs. (enough for 300 chicks) 1 00
32 ozs. (enough for 800 chicks) 2 00

Animal Regulator. Keeps stock in the pink of condition. Contains "trace elements" and vitamin D. 2½ lbs. 50c.; 6 lbs. $1.00; 25 lbs. $3.50.

Bag Balm

Rub on thoroughly when treating udder for cuts, sore teats, chapping, etc. 60c.

Pratt's Bag Ointment. Jars, 30c. and 60c.

A preventive disinfectant for houses and drinking water to keep your flocks healthy. A deodorant to keep brooders, incubators, birds and premises clean and sanitary.

POWDER

9½-oz. bottle..$0 75 | 1¾-oz. bottle..$1 50

LIQUID

4-oz. bottle..$0 30 | 1 gal. $2 00
10-oz. bottle.. 50 | 5 gals. 8 50
1-qt. bottle.. 90

Lee's Blitspray

The last word in lice control.

No method for controlling body lice of poultry could be easier. With Blitspray you simply spray the birds themselves, after they have gone to roost. This entirely new kind of product first drives the lice to the surface of the feathers and then it kills them.

Pt. ..... $0 75 | ½-gal. $2 25
Qt. ..... 1 25 | Gal. 4 00

Pratt's Chick Tablets. Use in drinking water. Saves chicks. Gives all-day protection—not just a few hours. 30c. and 60c.

Walko Chick Tablets. For the drinking water for baby chicks, turkeys, ducks or geese; also for older fowls. Pkgs. 50c. and $1.00. 1000, $2.50; 2000, $4.00.

All Prices Are Subject to Change Without Notice.

Liquids Not Mailable.

Pratt's Cow Tonic. An appetizer, tonic and mineral supplement for dairy cows and calves. 60c.

Pratt's C-Ka-Gene. Stops heavy losses from bloody coccidiosis. Turns natural attacks into *immunity* (permanent protection). 50-chick pkg. 75c.; 100-chick pkg. $1.25; 250-chick pkg. $2.75.

Creosote Oil. Gal. $1 25

Cod Liver Oil for Poultry

Whitmoyer Cod Liver Oil Concentrate.
Gal. $5 50
Guaranteed to contain:
400 A.O.A.C. (chick) units vitamin D per gram.
3000 U. S. P. units vitamin A per gram.
Control No. 101545 Serial No. CLN-12

Pratt's Disinfectant. For dipping and spraying poultry and stock. Qt. 60c.; gal. $1.60; 5 gals. $6.50.

Bourbon Dip and Disinfectant

Qt. ..... $0 60 | Gal. $1 60

Lee's Emulsion

4-oz. bottle..$0 50 | ½-gal. bottle..$3 50
12-oz. bottle.. 1 00 | Gal. bottle.... 6 50
32-oz. bottle.. 2 00

Group-Over Liquids for Colds

2 ozs. ..... $0 50 | Qt. $3 00
8 ozs. 1 00

Lee's Germozone

Germozone is a liquid which should be added to the drinking water three times a week as a safeguard against white diarrhea, coccidiosis, poisoning, digestive disorders and disease germs. 4-oz. bottle 40c.; 12-oz. bottle 75c.; 32-oz. bottle $1.50; ½-gal. bottle $2.50; gal. bottle $4.50.

Lee's Gizzard Capsule

A triple combination worm medicine containing Kamala (for tapeworms), nicotine sulphate (for round worms), and Pyrethrum (for pinworms) —all in an *insoluable* capsule. Five times as effective as worm remedies given in food or drink.

For Adults. 50-cap. pkg. 75c.; 100-cap. pkg. $1.25.

For Pullets. 50-cap pkg. 50c.; 100-cap. pkg. $1.00.

For Chicks. 50-cap. pkg. 40c.; 100-cap. pkg. 75c.

Hylite

A permanent washable casein paint specially made for insulating board, wallboard, wood, plaster, gypsum board, brick, stone, and cement. Five pounds makes 1¼ gallons of paint. Can be applied with a 10-in. brush or spray, giving a beautiful finish to all surfaces at low cost. 5 lbs. $1.25; 50 lbs $7.50.

Pratt's Hog Powder. Minerals . . . Trace Elements . . . Vitamin D . . . Tonics . . . all in one. 50c.

Pratt's Poultry Inhalant. For better control of colds and catarrh in poultry. Pt. 70c.; qt. $1.25.

Pratt's In-tes-trol

Pt. bottle..... $0 60 | Gal. bottle.... $3 00
Qt. bottle..... 1 00

Pratt's Powdered Lice Killer. In sifter cans for use in dust-baths, nests, etc. 30c. and 60c.

Bourbon Lice Powder. ..... 25c. and 50c.

Lee's Lice Powder ..... 25c. and 50c

Pratt's "Split-Action" N-K Capsules. Contain the new miracle wormer, Phenothiazine. More effective. Easier on birds.

For Adults. 100 caps. $1.25; 500 caps. $5.00.

For Pullets. 100 caps. 75c.; 500 caps. $3.75; 1000 caps. $6.50.

P. N. Worm Tablets, Lederle

P.N. is a properly balanced dose of phenothiazine and nicotine. Phenothiazine is the most effective worm expellent available for the elimination of cecal worms. Nicotine is most effective against large roundworms. 100 tablets, $1.12.

Remedies Regulators Disinfectants

Pratt's Poultry Regular Guaranteed to produce more eggs in 15 days or money back. Shortens molt. Builds vitality. Keeps young birds growing like weeds. 2¾ lbs. 50c.; 6 lbs. $1.00; 12½lbs. $1.75; 25 lbs. $3.25.

Pik-No-Mor. Stop cannibalism among chickens of all ages. 60c.

Pik-Rem

An Anti-Pick Preparation for Poultry. This product is prepared from material which gives it unusual adhesive properties. It sticks permanently, and the taste and odor is repulsive to chicks and adult birds. Stops cannibalism and toe-picking. 2-oz. jar 25c.; 5-oz. jar 50c.; 12-oz. jar $1.00.

Pine Oil Disinfectant.
½pt. ..... $0 35 | Qt. $1 00
Pt. ..... 60 | Gal. 2 50

Pratt's R-P Tablets. Formerly called Roup Tablets. For use in drinking water of adult birds. Guaranteed. 30c. and 60c.

McKeon's Liquid Sulpho. Add to drinking water for chickens, turkeys, ducks, geese and pigeons. An astringent for bowel disorders. 3 ozs. 50c.; 8 ozs. $1.00.

FOR LARGER QUANTITIES ASK FOR QUOTATION

PARCEL POST CHARGES EXTRA AND MUST BE INCLUDED IN YOUR REMITTANCE
Items unable to supply will refund or substitute

POULTRY REMEDIES AND SUPPLIES, continued

Pratt's Roost Paint. Kills lice and mites. ½pt. $1.00; pt. $1.75; qt. $2.50; gal. $7.50.

Acme Delouser. 2 ozs. 35c.; 5 ozs. 85c.

Bourbon Sodium Fluoride Lice and Roach Powder. .....25c. and 50c.

Save Valuable Animals with SULFAGUANIDINE

(*Lederle*)

Save Calves from Infectious Calf Scours
Save Swine from Necro
Save Poultry from Coccidiosis
Save Lambs from Coccidiosis
Save Dogs and Cats from Enteritis

¼lb.....$2 80 | Lb.....$10 00

Use 1 lb. to 100 lbs. feed.

Lee's Tonax. 2-lb. can.....$0 75

Lee's Vapo-Spray. For colds and roup.

1-pt. can.....$0 50 | ½-gal. can....$1 25
1-qt. can..... 75 | 1-gal. can..... 2 00

Pratt's Worm Powder. Round worm flock treatment for use in mash. Easy, quick, effective. 100-hen pkg. 75c.

"Black Leaf" Worm Powder

¼lb. (treats 100 birds).....$0 75
1½ lbs. (treats 600 birds)..... 2 90

"Black Leaf" Worm Pellets

100 (treats 100 birds).....$0 85
500 (treats 500 birds)..... 3 50

Pratt's Zene-a-Trol (Phenothiazine Powder). Effective worm treatment for chickens, turkeys, hogs, sheep and horses. ½-lb. pkg. $1.00; 1-lb. pkg. $1.50.

Fly Spray

Gulf House Spray.

Pt.....$0 25 | Gal.....$1 49
Qt..... 45 |

Livestock Spray

Qt.....$0 45 | 2 gals.....$1 99
Gal..... 1 19 | 5 gals..... 4 95

Pratts.

Qt.....$0 45 | Gal.....$1 19

Hylite Water Putty

A plastic repair material. Fills cracks, joints and damaged surfaces of wood, insulating board, plywood, plaster, stone metal, and cement. Lb. 35c.

All Prices Are Subject to Change Without Notice.

Liquids Not Mailable

Poultry and Bird-Feeds

Bolgiano is headquarters for all kinds of Poultry and Bird-Feeds including Alfalfa Meal, Scratch Feed, Chick Grains, Poultry Mash Feed, Crushed Oyster Shells, Charcoal, Cracked Bone, Dried Buttermilk and Seeds for Pigeons, Parrots and Canaries, Meat Meal, Sunflower Seed, Baby Chick Starter. Prices on request.

CARBOLA

Saves Time and Labor Gives Better Results

(with D.D.T.)

Carbola is a white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. Lb. 30c.; 5 lbs. 90c.; 10 lbs. $1.50; 25 lbs. $3.25; 50 lbs. $5.50.

Caponizing Sets......$5 50
Violet Light Bulbs...... 75
Carbolineum.....Gal. 1 75
Hand Feed and Seed Scoops...... 85

"Good Luck" Poultry Litter

A Peat Product

"Good Luck" Poultry Litter is practically fireproof for use in poultry houses, brooders, coops, scratching pens, etc. It is an absorbent, a deodorizer, a disinfectant, a scratching litter, and a dust bath all in one, to say nothing of its exceptional value as a fertilizer when finally removed.

Small bale sufficient to cover 10 sq. ft. 2 inches deep (enough for the ordinary brooder) $4.00. Covering capacity, 80 sq. ft. 3 inches deep.

Oat Hulls. 50 lbs.....$1 00
Staz Dry......
Crushed Sugar Cane......

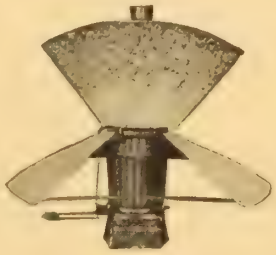
FOR LARGER QUANTITIES ASK FOR QUOTATION

Egg Preservative

For preserving eggs; will keep fresh for months. One pint is sufficient for 8 dozen. Qt. (4 lbs.) 40c.; gal. (13 lbs.) $1.15.

Chalk Nest Eggs. Each 3c.; 30c. per doz. (mailing weight 2 lbs.).
Scrapers, Coop......$1 00
Scrapers, Dropping Board...... 1 75
Poultry Catchers...... 30
Toe Punches...... 25
Egg Baskets, Wire...... 1 10
Epsom Salts. 5-lb. pkg..... 45

Koal King Brooder



Efficient, low cost operation is the outstanding virtue of this reliable coal burner stove. The **KOAL KING** sets a standard for a really successful and serviceable brooder stove. Offers unsurpassed chick-saving results and at prices sensationally low.

The **KOAL KING** has a scientifically designed flue cylinder, which automatically feeds the coal to the fire as required. The coal does not get "clogged" or "hung" in the stove. As long as there are a few pounds of coal left in the stove to burn, the fire will not die down or go out. Another important improvement: **The Koal King Has a Large Non-Clogging Grate, Which Insures the Positive Burning of the Coal.** It makes possible the holding of a large fire body. Either hard or soft coal may be used with entire satisfaction. **Heavy Cast Iron Stove** means longer life and better service.

SPECIAL FEATURES

Sturdy Folding Hover gives easy access to all parts of the brooder stove.

Large Shaker Grates. By a mere turn of the shaker, ashes are sifted out without disturbing the fire.

VENTILATED BOTTOM

This important feature is a valuable asset, because it maintains a continuous circulation of air under the stove, which protects floor from heat. As a further precaution, the base of the stove is underlined with a heavy asbestos pad.

Thermostat Control. Wafer is suspended at correct height to give perfect heat control.

SPECIFICATIONS

No. 539. 60 lbs. coal capacity; 1000 Chick capacity; 56-in. canopy; 10⅝-in. grate; 5-in. flue; 130 lbs. shipping weight. Each $26.00.

PARCEL POST CHARGES EXTRA AND MUST BE INCLUDED IN YOUR REMITTANCE
Items unable to supply will refund or substitute

FARM, GARDEN and LAWN TOOLS

The present reconversion period has made it necessary for manufacturers either to discontinue or to curtail items on pages 60 to 71 inclusive.

THEREFORE ALL LISTINGS ARE SUBJECT TO STOCK ON HAND

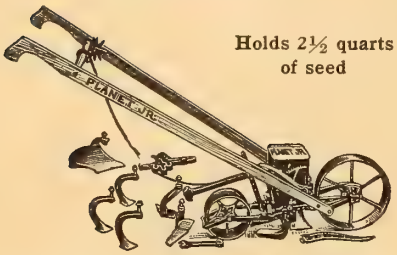
PLANET JR. FARM and GARDEN TOOLS

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Complete, $21.00
Weight, 50 lbs.

As a Seeder only
(No. 4D), $16.75

Holds 2½ quarts of seed



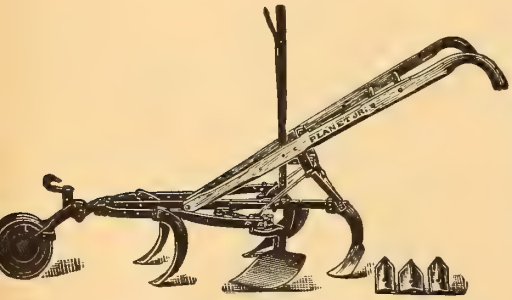
As a Seeder, the No. 4 plants almost all vegetable seeds in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. The furrow is opened, seeds dropped, covered and the soil firmed and the next row marked out all in the same operation. Converted into a Single Wheel Hoe by changing one bolt. Cultivating equipment includes the most useful attachments for gardening, a plow, hoes and cultivator teeth.

No. 9 Planet Jr. Horse Hoe

$15.50

No. 9D, Without Wheel

$13.75



Completely equipped Horse Hoe, light weight, straight running, and easily handled. Cultivator teeth are of high carbon beveled steel, thereby making them self-sharpening, and the point retains its shape, greatly prolonging the life of the steel. Patent hillers are reversible for hoeing or hilling. Can be run close to the plants without endangering the roots.

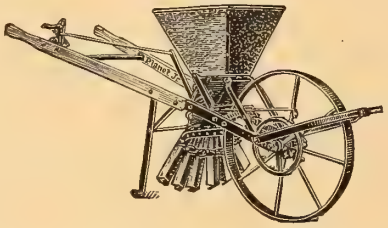
No. 101D Planet Jr. Cultivator

$9.50

No. 100D. Same as above less the lever expander. $8.25.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

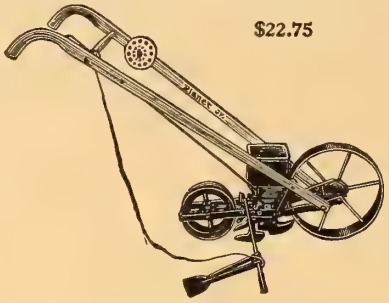
Planet Jr. No. 220 Fertilizer Distributor



The important points to consider about a Fertilizer Distributor are: does it place the fertilizer where and as it should be placed; can the quantity be accurately regulated; does it save fertilizer, time and labor; and is it free from complicated moving parts that corrode and wear out? The Planet Jr. No. 220 meets all of these requirements. $31.50.

No. 300A Planet Jr. Drill Seeder

$22.75



The No. 300A is rapidly becoming the most popular Seeder for market gardeners. It is a plate Seeder having three seeding plates each with 13 holes giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate.

No. 17 Planet Jr. Single-Wheel Hoe

Steel Frame.
16-inch Steel Wheel

$8.95

Very popular because equipment includes just the attachments needed in the average garden. A pair of 6-inch hoes for weeding and shallow cultivation, three cultivator teeth for deeper and general cultivation and a plow with landside for hilling, furrowing, ridging and plowing. Light and easy to handle. All steel—unbreakable.

17½ Planet Jr. Same as above less the plow. $7.95.

No. 12 Planet Jr. Double and Single-Wheel Hoe

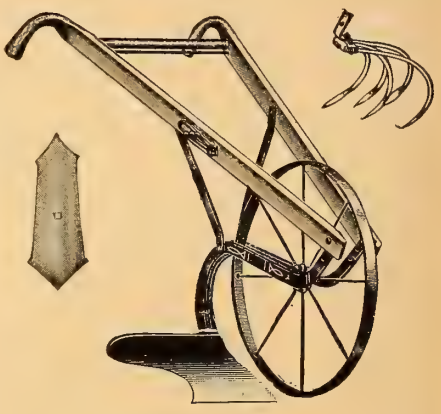
Steel Frames. 14-inch Steel Wheels

$12.95

Equipment includes attachments needed in the average garden. One pair 6-inch hoes for shallow cultivation and weeding, four cultivator teeth for deeper and general cultivation and a pair of plows for plowing, furrowing and ridging and a pair of leaf lifters which are useful in protecting the leaves and vines when crops are maturing. As a Double Wheel Hoe it will straddle crops 20 inches high, cultivating both sides at once. Easily changed to a Single Wheel Hoe for working between rows. Made entirely of steel and practically indestructible.

No. 11 Planet Jr. Same as above with the addition of 1 pr. 4½ in. hoes, 1 pr. 3-tooth rakes, and 1 pr. 5-tooth rakes. $16.50.

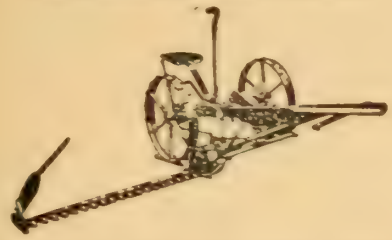
RIVAL HAND GARDEN PLOWS



STURDY—DURABLE

There has always been a demand for a small sturdy Garden Plow moderately priced, making it possible for the small gardener to purchase. These Plows have all the tools or parts necessary to the perfect working of a garden—for instance, it has a Plow for hilling and working the garden early in the spring; it has a cultivator and a hoe; also a pulverizing rake. It is complete in every detail. We have sold them by the hundred to pleased customers. Weight, about 20 lbs. Every garden should have one. $3.60.

McCormick-Deering Mowers



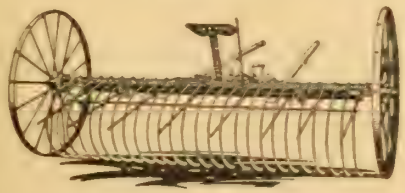
Are strong, light-running machines having a world-wide reputation for light draft, efficiency and durability.

5-ft. cut. Two-horse. Regular lift...$113 50
5-ft. cut. Two-horse. Vertical lift... 114 50

Mower Knife Grinders

$5.75

McCormick-Deering Self-Dump Hay Rakes



The self-dump feature is properly designed and never fails to work. All the operator has to do is to press a small foot-lever and the horses do the rest.

8 ft.....$51 50 | 10 ft.....$56 90
9 ft..... 54 50 |

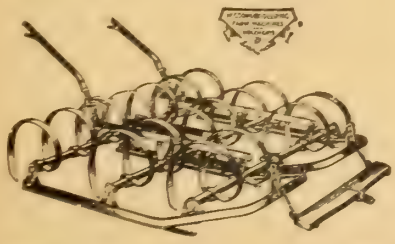
Side Delivery Rake and Tedder. $130.00.

"U" Bar Lever Steel Harrow

So arranged that the teeth cannot track. This Harrow has a steel frame, with bars of U-shaped steel well braced and securely fastened at each end of the frame. This gives the Harrow a double advantage, strength and rigidity, and is a guard against catching into trees and stumps. The teeth can be set to any pitch or cut desired.

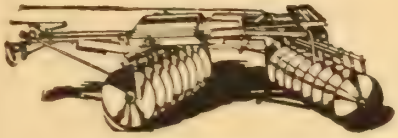
25-tooth, without Drawbar.....$9 25
50-tooth.....21 45

Spring-Tooth Harrows



15-tooth $27 65
17-tooth 29 50

Disc Harrow



The time is long past when a farmer or market gardener can do without a Disc Harrow. When your ground is weedy and lumpy, then is the time when you need and want a Disc Harrow. They are strong, yet not too heavy; easy on horse and man; save labor—that means, save money; does the work better than it is possible to do it with a plow or any other Harrow.

5-ft. Double Disc Tractor Harrow, $100.00.

6-ft. Double Disc Tractor Harrow, $110.00.

Horse-drawn Harrow, 8 16-in. discs, $61.00.

Horse-drawn Harrow, 10 16-in. discs, $66.00.

Horse-drawn Harrow, 12 16-in. discs, $71.50.

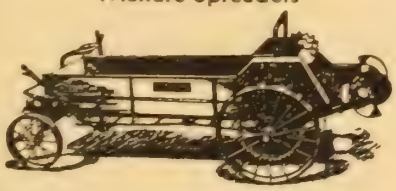
The above prices include Forecarriage, but without Tongue. If Tongue is wanted and not Forecarriage, deduct $9.25.

So-Rite Lime Spreaders

The bottom is made of heavy sheet steel, properly designed. A heavy sheet steel feed-plate working in keepers forms the feeding device. There are punched in the bottom and feed plate 20 round holes or outlets, 2 inches in diameter, through which the material passes to the scattering board. These holes are 4⅝ inches apart from center to center, and extra plates can be furnished for sowing in rows. Capacity, 10 bus. Sowing swath, 8 ft., $79.50.

McCormick-Deering Double Agitator Lime Spreader. $107.50.

McCormick-Deering Manure Spreaders



No. 200H. This Manure Spreader is an outstanding achievement in Spreader construction and has no equal in performance. It is simple, compact. Capacity of 60 to 70 bushels. $199.50.

McCormick-Deering Fertilizer Distributor

Distributes evenly 10 to 2350 pounds per acre; instantly adjustable; force feed; light draft; durable construction. Easily cleaned. Convenient height. 9-ft. width, $116.25.

Cole "Labor-Saver" Plow and Fertilizer Distributors

No. 60. One-horse.....$23 00

All-Purpose Steel Wheel Truck

Roller Bearing

Tractor Hitch.....$82 75
Horse Pole..... 85 50

Our Handy Steel Wheel Farm Trucks

Wood Hounds, Well Braced. Hickory Axles

All wood parts hardwood and well painted with grooved tire.

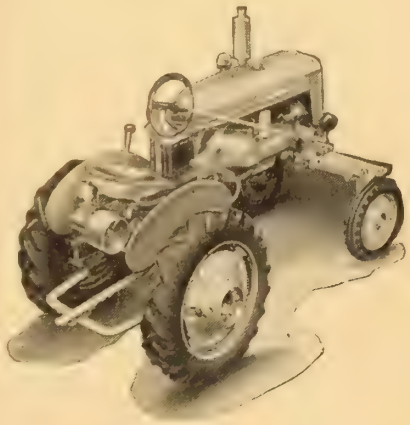
Wagons

N23. 2-horse farm. Medium Weber.
N24. 2-horse farm. Standard.....
N332. 1-horse. Medium. 2-inch tire..
Box brake extra, 2-horse.....
1-horse.....

Lever Feed Cutter

Simple, durable, and reasonably priced. It has an 11-inch tempered curved knife which can be adjusted to take up the wear, thus giving a perfect shear-cut at all times. $8.00.

McCormick-Deering Farmall Tractors



A new improved line of Farmall Tractors. Powerful and sturdy; plows, harrows, cultivates and does other jobs with only one operator. The most dependable Tractor you can buy at any price.

Model A with Culti-Vision
Model H **Model M**
WRITE FOR PRICES

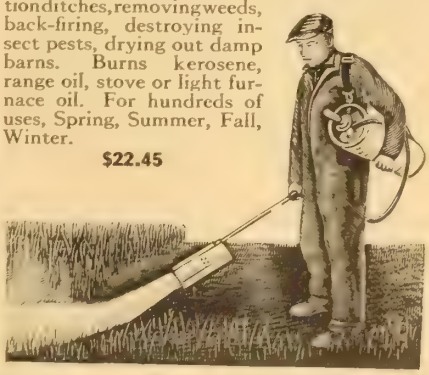
Write for literature and prices of attachments

Smith Flame-Gun Complete

General Utility Torch

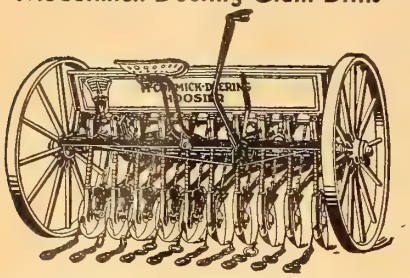
Indispensable on the farm, in the garden, in the barn, in the shop and around the home. For blister rust control, cleaning out irrigation ditches, removing weeds, back-firing, destroying insect pests, drying out damp barns. Burns kerosene, range oil, stove or light furnace oil. For hundreds of uses, Spring, Summer, Fall, Winter.

$22.45



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

McCormick-Deering Grain Drills



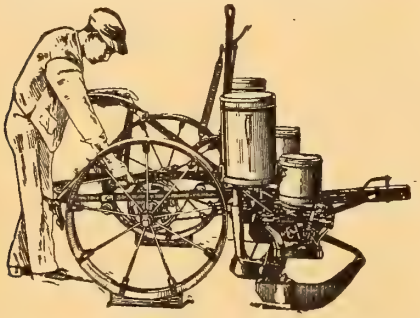
The fluted force is designed to sow surely and evenly whatever seed is being sown. The fertilizer mechanism will sow 30 to 1135 pounds to the acre.

9-7 Single Disc.....$176 50
11-7 Single Disc..... 198 75

Prices of other models on application.

Double-Row Corn Planter

All Planters fitted with adjustable drop plates when so ordered. Write for prices.



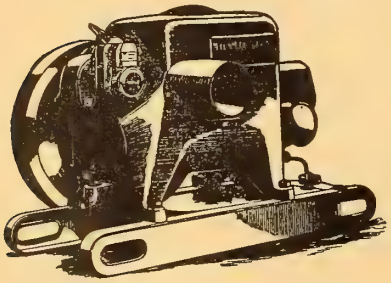
Our special new feature in this Planter is that we not only get an accurate number of kernels in each hill, but we get the number of kernels in each hill which the quality of the soil is able to bring to perfect maturity. $95.75.

With Fertilizer Attachment. $129.50

Cole One-Row Corn Planter

No. 11. Planter.....$22 00
No. 12. Planter with Fertilizer Attachment..... 26 50

McCormick-Deering Engines



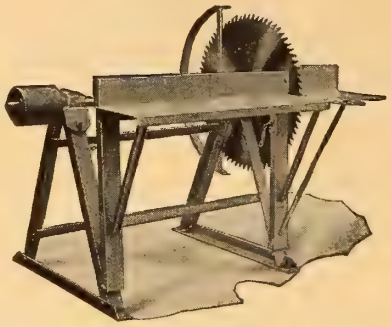
Very simple and perfect system of hopper cooling. Frostproof. Removable cylinder sleeve. Simple, effective kerosene mixer; unusually accessible and easy to operate.

1½ to 2½ H. P. Variable Speed.... $72 50
3 to 5 H. P. Variable Speed..... 106 00

AXLE GREASE

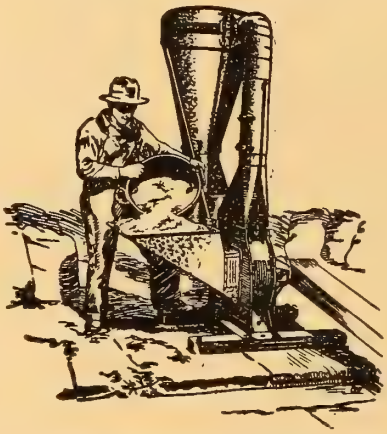
1-lb. cans Mica $0 20
3-lb. cans Mica 45
25-lb. pails Mica 2 40

Saw Frames



Frame is built of all steel, table legs of heavy Channel rigidly braced. Mandrel cold-rolled steel, with balance wheel. $42.50.

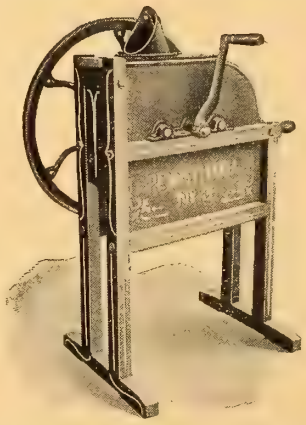
McCormick-Deering Hammer Mills



These fine, sturdy Mills will grind wheat, oats, barley, rye, shelled corn, ear-corn, Kafir corn, milo maize, hegari, feterita, cornstalks, hay, alfalfa, beans, peas, and grain sorghums, both headed and in the bundle, according to their rated capacities.

No. 6. Hammer Mill (With Bagger).$118 00
6-in. Type B Feed Grinder..... 36 25
8-in. Type B Feed Grinder.....49 75
10-in. Type D Feed Grinder.....63 25

Hand and Power Corn Shellers



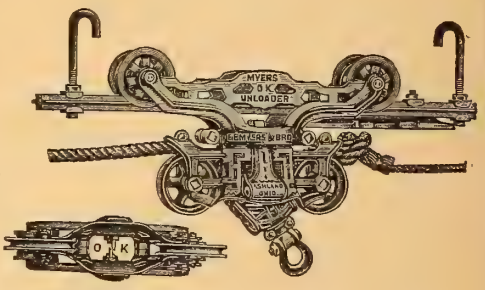
No. 3. Single Hole Sheller.....$20 00
No. 7. Double Hole Sheller (for hand or power)..... 44 00

Farm Belting

Best quality
4-in., 4-ply
5-in., 4-ply
6-in., 4-ply

WRITE FOR PRICES

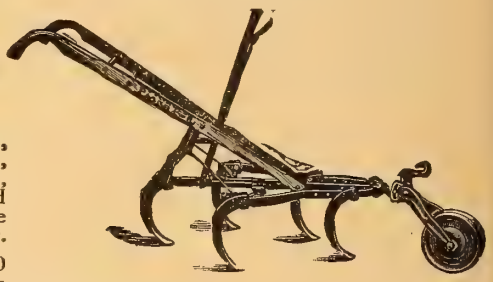
Hay Cars and Track



No. 201. 5-in. Pulley and Sheaves..$13 25
No. 208. 7-in. Pulley and Sheaves.. 16 75
Double Harpoon Hay Fork..... 4 50
Double Steel Track with Clamps, per foot..... .27½
Hangers, each..... .21
Rafter Brackets, per 100..... 6 00
Floor Hooks..... .20
Knot Passing Pulleys..... 1 05

CULTIVATORS

14-tooth, plain $8.90.



5-tooth, lever.....$8 75
5-tooth, plain..... 7 45
14-tooth, lever..... 9 65

McCormick-Deering New No. 4 Two-Horse Riding Cultivator

The most popular Riding Cultivator made. Hill-dodging is accomplished by means of two fork pedals placed just right for driver's feet. An easy pressure on either pedal pivots the wheel-axles, carrying the Cultivator to the right or left, as the case may be. At the same time the gangs shift sideways, keeping the shovels constantly parallel. So easy to operate that a boy can do the work of a full-grown man.

Cultivator, with 6 shovels.....$74 25
Cultivator, with 8 shovels..... 78 25

Oliver Plows

AC. One-horse.....$13 75
No. 13. Two-horse, Light..... 21 25
No. 19. Two-horse..... 22 50
No. 20. Two-horse..... 24 50

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Wiard Road or Contractors' Plows

No. 65 Medium; weight, 200 lbs.

The cut illustrates the No. 65 Plow which is very substantial, and is heavy enough for ordinary road or contractors' work when used with 2 or 4 horses.

The cast-iron Point is made from the best quality of charcoal iron, very strong and heavy. Plow, with Wheel or Shoe $42.00.

Plow, without Wheel or Shoe $38 75
Forged Steel Point ..... $7.00 extra

South Bend Plows

1-B. One-horse..... $13 75
2-F. Two-horse, light..... 16 25
2½-F. Two-horse, light..... 18 25
3-F. Two-horse, medium..... 19 25

Syracuse Plows

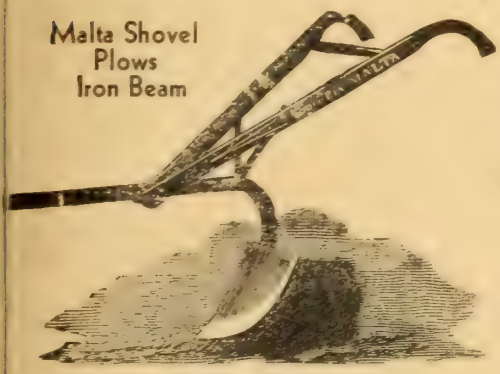
No. 2-78 RH. 10 to 13 in. width... $20 35
No. 10-78 RH. 14 to 16 in. width... 25 60
No. 20-78 LH. 11 to 14 in. width... 22 00
No. 30-78 LH. 14 to 16 in. width... 25 60

Tractor Plows

Little Genius. Heavily built for sturdy service, yet due to 3-wheel construction is of very light draft. Two 14-in. bottoms, $131.25.

Little Wonder. A light, 2-wheel Plow, giving exceptional satisfaction to all users. Two 14-in. bottoms, $113.75.

Malta Shovel Plows Iron Beam



Double Shovel Plow..... $5 60
Single Shovel Plow..... 4 95
Triple Shovel Plow..... 7 30

2-Ply Jute Twine

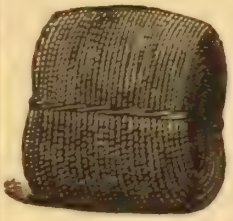
Most used for tying vegetables and for general purposes. Lb., in ball or twist. 48c.

Tarred Fodder Twine

High-grade even Sisal Twine, 50 strands to the twist. 21-oz. Full bales of 25, 50 and 100 lbs.

Binder Twine

It is well understood that good Binder Twine is essential to successful binding. Uniform size and strength are the characteristic features of our Binder Twine. It will not kink and clog the knotter or pull thin and break. 500 feet to the pound. 5-lb. ball, 75c. Special prices on bale lots.



Sisal Rope

Always on hand, the best Sisal and Cotton Rope, in coils or by the piece, at prices consistent with the quality.

Prices on application.

Plow Lines

14 yds. ⅜-in. Sisal rope. 65c.

Bolgiano's Improved Three-Row Marker

Has three chilled shoes, or runners, with steel wings, bolted on, and may be easily replaced when worn.

The frame is made of seasoned oak. The runners may be changed by loosening two bolts, to mark furrows 28 to 48 inches apart. With pole, without seat..... $22 00

The Original Improved Cyclone Seeder

It differs materially and very advantageously from all other Sowers in having a slope feed-board with an oblong hopper which terminates in a metal edge, on which edge oscillates a feed-plate which does not allow the seed to become clogged, but makes a positive force feed and insures a uniform flow and even distribution of seed. Anyone desiring a convenient, practical and all-round first-class grain and grass Seeder, a good, large sower that will meet the most exacting demands, we cannot recommend the Cyclone too highly. Parcel post weight, 6 lbs. $2.75.

Plant Setter

Used to transplant cabbage, tomato, sweet potato, tobacco, cauliflower and similar plants perfectly and with minimum effort. The device sets, waters, and covers every plant with a single operation, without the necessity of stooping. $5.50.

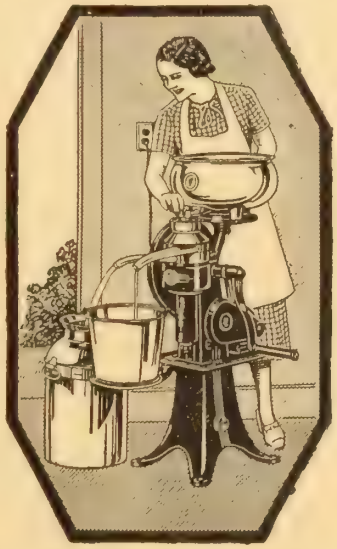
Horn Seeder

Makes even broadcasting a sure process in the hands of all users. $1.00.

Lanterns

Supreme..... $1 00
Supreme Red Globe..... 1 35
Little Wizard..... 1 25

De Laval Cream Separator



A remarkably easy-running Separator. It gets all the cream which may be regulated to test from 15 to 55 per cent butter-fat by an easily adjusted cream-screw.

STANDARD SERIES

Ball-Bearing	Lbs. per hr.		Junior Series	Lbs. per hr.	
No. 14.	550	$107 50	**No. 2.**	225	$32 50
No. 18.	800	120 00	**No. 4.**	400	49 75
No. 19.	1150	147 50	**Stand, extra**		11 50

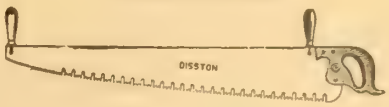
Do Your Milking with a De Laval

De Laval Hand Separator Oil. ½ gal. 70c.; gal. $1.10.

Stanchions

No. 13. Stalls with Stanchions..... $13 45
No. 1211. Stanchions only..... 3 65
End Partitions..... 3 25
No. 235. Water-Bowls..... 4 10

Cross-Cut Saws



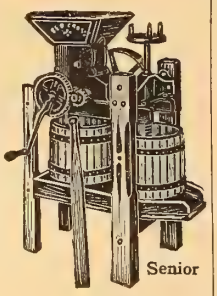
3½-ft., 1-man.
4-ft., 1-man...
5-ft., 2-man...
5½-ft., 2-man.
6-ft., 2-man...

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Grindstones

Steel Frame $15 75
Sickle Grinder 5 75

Cider Mills and Berry Presses



All materials used in our Mills and Presses are carefully selected. Wood is extra heavy to assure greatest strength and rigidity. Screws are cold rolled steel with Acme thread.

Single Cage Mill $23 00
Jr. Double Cage Mill 28 50
Medium Double Cage Mill .....
Sr. Double Cage Mill .....
No. 1-A. Berry Press .....
No. 2-C. Berry Press 14 50
Handy Crusher 6 40

Harness

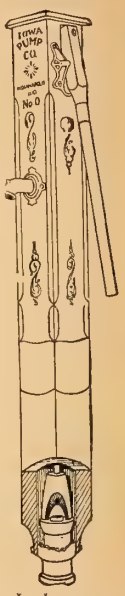
Halters, Leather. 1¼-in. Machine-made. $1 85 up
Leather Cow Halter 1 30 up
Bridles ..... 2 40 up
Trace Chains. Set .. 1 20 up
Breast Chains .....
Set .. 95c. to 1 40
Butt Chains .. Set .. 1 10

Tie-Out Chains

4½-ft. $0 35
20-ft. 80
30-ft. 1 10

Tick-Lined Collars . $4.15 up
Red-Edge Collar-Pads .. 75c.
Currycombs ..... 35c.
Horse-Brushes .. 50c. to $2.75
Neat's-Foot Oil. Qt. 50c.
Hame-Straps. 1-in., machine-made. Each 40c.; doz. $4.20.
Hames, Virginia Cart. No. 61. Pair $1.90, up

Wood Pumps



For a plentiful supply of pure sweet water, Wood Pumps have never been excelled. All our Pumps are made of Washington white spruce which is entirely tasteless and the best lumber now available for this purpose. All cylinders are porcelain-lined.

Depth	Size of Pump 6x6 in.	7x7 in.
12 ft.	$22 30	$25 70
14 ft.	24 30	27 55
16 ft.	25 30	28 30
20 ft.	30 00	33 30
25 ft.		38 30
30 ft.		42 30
35 ft.		47 80

Water Barrel Truck

Our Barrel-Cart can be attached to any of our barrel spray pumps, and may be found useful in various ways, such as watering gardens, spraying trees, etc.

Water Truck. 1½-in. tire .....
Water Truck. 3-in. tire .....
Barrel, extra .....
Leaf-Rack .....

Steel Single Trees .....
Steel Plow Double Trees. Reinforced
Wooden Plow Set, Complete .....
U-Bar Steel Set, Complete .....

Scales

No. 81
With Scoop. $6.75

No. 2118
With Scoop. $7.50

Certain-teed Best Quality Roofing

One roll of Roofing is sufficient to cover 100 sq. ft. of roof-space. Price given is per roll.

1-ply $1 75
2-ply 2 10
3-ply 2 60

Red and Green Slate Top Roofing 3 25

Corporal Roofing.
1-ply 1 50
2-ply 1 75
3-ply 2 00

Galvanized Buckets

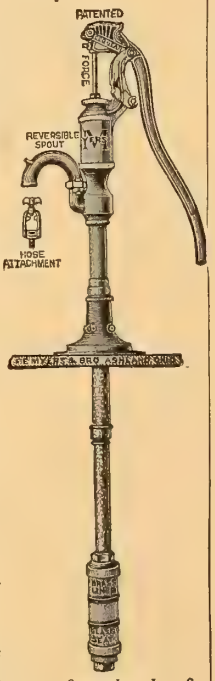
8-qt. .....
10-qt. $0 55
12-qt. .....
16-qt. .....

Sprinkler Cans

Improved design is the keynote of this new Lawson Sprinkler. It's easy to handle, easy to carry and it comes in three sizes—5, 9, and 12 quart. Sturdily constructed; made of heavy steel hot-dipped in molten zinc to insure long life. Leak-proof. Capacities listed are actual, no size overrated.

5-qt. $0 95
9-qt. 1 25
12-qt. 1 50

Cog-Gear Pumps



The patented rolling-motion cog-gear head operates 33⅓ per cent easier than the ordinary everyday Pump now in use and 50 to 100 per cent easier than antiquated types. As soon as you take hold of the handle you discover that the "rolling motion" cog-gear performs an important labor-saving service appreciated by every member of the family.

For Shallow or Deep Wells

No. 135½. Single-Acting Lift Pump, $16.75. With Foot-Valve, $17.90.

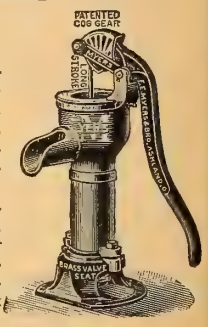
R1072. Single - Acting Force Pump. With Foot-Valve.

R5. Double-Acting Force Pump, Windmill Top. With Foot-Valve.

For price complete with pipe and sucker rod on above three, add 25c. per foot-depth of well less 4 feet.

No. 422. Myers Self-Lubricating Pump Jack. With 12 x 2-in. tight and loose pulleys. 6-in. stroke. $23.00.

Pitcher Pump



No. 417w. Myers Long-Stroke. 3-in. brass-lined cylinder, with plain brass valve-seat, tapped for 1¼-in. pipe. Weight 21 lbs. $7.00.

No. R416. Myers Long-Stroke, Cog-Gear. 3-in. polished cylinder with plain brass valve-seat, tapped for 1¼-in. pipe. Weight 21 lbs.

Myers Self-Oiling Automatic Water Systems

No. 1927AMT. Shallow Well $77 00
No. V2950AMT. Deep Well 141 75

Write for complete catalogue

Well Buckets

No. 121. Galvanized .....
Victor $1 65
Crown .....
Well Chains ..... Lb. 12c.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Rubber Hose

We make a specialty of garden and spray Hose. It is true economy to use guaranteed Norwood Hose on the lawn or in the greenhouse. We believe it to be the best, longest-lasting Hose on the market.

¾-in. Hose, 2 Braid Molded. 50 ft....$7 50
⅝-in. Hose, 2 Braid Molded. 50 ft.... 6 75
⅝-in. Hose, 2 Braid Molded. 25 ft.... 3 65
⅝-in. Hose, Special. 50 ft..... 3 45
⅝-in. Spray Hose.....22c. per ft.
Nozzles.....30c. each, up

Write for special quantity price on Hose

Ellisco Japanese Beetle Traps

The use of these Traps in all parts of the beetle-infested area has proved definitely their value in catching these pests and reducing the annual increase. Today their advanced design makes them the most efficient destroyers of the full-grown Japanese beetles. No. 1 Trap 50c.; No. 4 Trap $1.10. Bait No. 10, oz. 15c.; No. 11 Liquid, 70c. Rods 35c. Cages 40c.

Land Roller

The Buch is the most popular Land Roller on the market. Heavy, stiff angles are used on the sides and ends to which the steel hangers are securely bolted, and the frame is so arranged that it will carry sufficient weight to suit the requirements. $50.00.

Steel Drag Scraper

No. 1. Capacity about 7 cu. ft. of earth, 98 lbs.....$12 95
No. 2. Capacity about 5 cu. ft. of earth, 90 lbs..... 12 00

Brooms

Push Broom. 5-row with handle....$1 80
No. 9 Mixed. XXXX 40-lb.....
No. 7 White House.....
Handles.....

Water Wand

The regular task of watering the garden becomes a real joy—you don't even soil your hands—no need to change to garden clothes. It weighs only one pound. The long, light-weight handle enables you to direct a gentle flow of water to the back of large flower-beds without stepping into the soft soil or trampling the delicate plants. This is just the tool you have been looking for. $2.50.

Richmond Sod Cutter

This highly efficient machine cuts a strip of sod 14 inches wide of uniform thickness and in any required length. Made for horse-power or tractor use only.

Berry Boxes

Prices subject to market changes in berry season.

Write for special quantity prices.

	100	1000
Square. ½-pt.....	$1 20	
Square. 1-pt.....	1 20	
Long. 1-pt.....	1 20	Write for Prices
Square. 1-qt.....	1 20	
Long. 1-qt.....	2 25	
Long. 2-qt.....	2 50	
Long. 4-qt.....	2 75	

Peach Baskets. ½-bus.
Round Baskets. ½-bus.
Round Basket Tops. ½-bus.
Round Baskets. 1-bus.
Round Basket Tops. 1-bus.
Corrugated Caps. 1-bus.
Paper Liners. 1-bus.

Write for Prices

Wheelbarrows

No. 1. Buch's. Large size.....$9 00
No. 3. Medium size..... 7 65

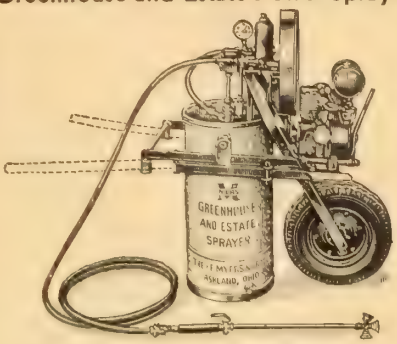
Barrows

F3. Steel Tray Mortar and Wheel....$8 25
F3. Rubber-Tired Wheel 17 75

Lansing Push Carts

Size of Box
No. 0. 48 x 28 x 10.....$22 90
No. 1. 40 x 23 x 10..... 20 75
No. 2. 32 x 20 x 9..... 19 25

Greenhouse and Estate Power Sprayer



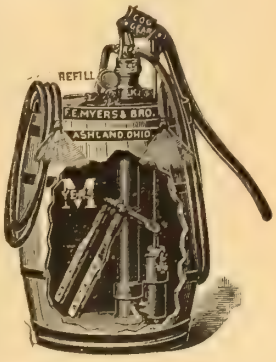
A new, compact, portable, motor or engine powered, completely equipped Sprayer with folding handles for inside spraying where aisles are narrow—for outside spraying of small trees, shrubbery, vegetables, vines and flowers, etc. Motor-driven, $110.00. Engine-driven, $120.00.

Wheelbarrow Sprayer

A most popular outfit, being strongly mounted on a steel truck. Can be wheeled anywhere with ease. Capacity, 12 gals.

R 336 B. Equipped with heavy-duty pump. $28.00.
R 338 B. Equipped with light pump.

Barrel Sprayers



These Sprayers have easy-operating cog-gear head, mechanical agitator, solid brass ram plunger, ground bevel brass valve and seat, large air-chamber. This construction enables the operator to carry up to 200 pounds pressure, sufficient to supply two heads of hose satisfactorily. Adjustable malleable iron base permits Pump to be used in different size barrels.

R. 308B. Heavy Duty.....$33 50
R 318B. Standard..... 22 00
If wanted without barrel, take from above prices..... 5 00

Spray Pumps

Brass Bucket Pump Attachment, etc., with 3 ft. of ⅜-in. discharge hose and Seneca spray nozzle.

No. 327½.....$5 00
No. 323..... 4 50

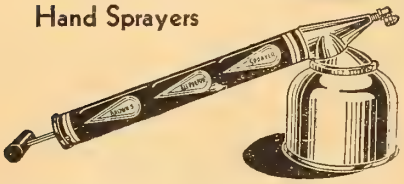
Cog-Gear Lever Bucket Sprayer. No. R324. $7.25.

Myers Compressed Air Sprayer

The tank is made of heavy galvanized iron or brass. Side walls are double seamed, riveted and soldered. The top and bottom are extra-heavy material with flanged edge over which the side walls are turned and thoroughly soldered.

2½-gal. galvanized tank.....$6 50
4-gal. galvanized tank..... 7 25
4-gal. brass tank

Hand Sprayers

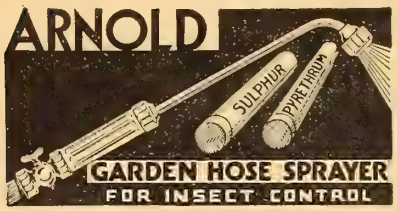


For spraying all insecticides for flowers, garden, shrubbery, etc. Excellent for spraying disinfectants, fly spray and cattle spray.

Continuous Sprayers

1-qt., all tin.....$1 10
1-qt., glass..... 1 25
1-qt., brass..... 2 50

The Arnold Garden Hose Sprayer



A special mixing and spraying nozzle which attaches to your garden hose in place of the regular nozzle. It was designed to take the hard labor out of garden spraying. Cartridges supplied for practically all spraying purposes.

Arnold Sprayer, Chrome......$4 00
Arnold Sprayer, Brass...... 3 50

All Cartridges 35c. each, 12 for $4.00

Cryolitespray — **Arsen-O-Spray**
Nic-O-Spray — **Sulph-O-Spray**
Funguspray — **Vitamin B_1**

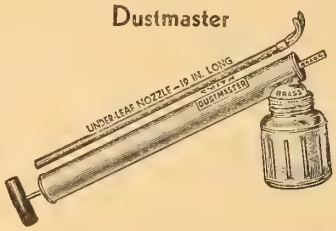
Harco Sprayer

Here's the efficient good-looking, easy-to-use Sprayer you want at the down-to-earth price you want to pay! Sprays up, down, sideways without adjustment. No leaks or drips to wet hands or stain clothing. $2.35.

Syphon Sprayer

1-qt., heavily tinned, 60c.

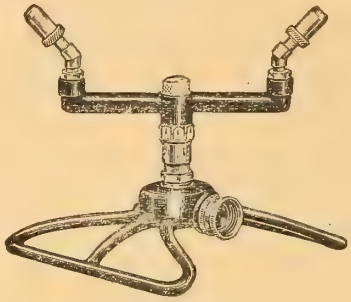
Dustmaster



Dusts without waste, and easily operated. Long air-chamber develops strong blast. Large dust-chamber. Thorough atomization of poison. Throws long, broad dust-blast straight ahead or underside of leaves on low-growing vines or at any angle.

Dustmaster with glass container, $1.35.

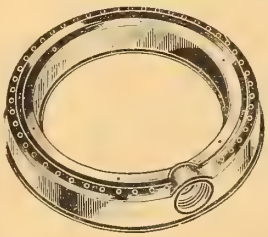
Sprinklers



A nozzle Sprinkler adjustable for revolving or stationary sprinkling. Brass nozzles, likewise adjustable, for sprays or straight streams. A strong, heavily made Sprinkler, ideal for high or low water pressure.

No. 5009J......$2 75

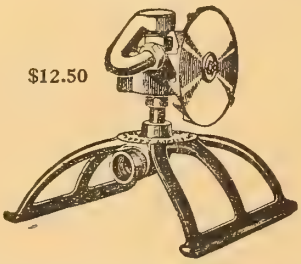
The "Fountain"



Brass top and galvanized base 8½ in. diameter. Inserted ¾-in. hose connection with clean-cut threads. Waters 28-foot circle at 40 lbs. pressure. 98c.

Heavy-Duty, Double Rotary Sprinkler

$12.50



Junior Rotary Sprinkler. $7.50.

Soil Soakers

Like all-night rain. Water seeps through entire length. Puts water where you want it —at the roots.

No Run-off—No waste—No soil-washing

No. 0. 12 ft...$1 40 | **No. 2.** 30 ft...$2 90
No. 1. 18 ft... 1 90 | **No. 3.** 50 ft... 4 75

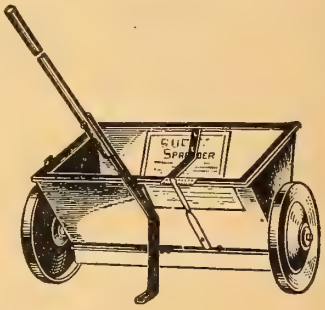
Sprabulb

For years florists, seedsmen and housewives throughout the U. S. A. have found the handy Sprabulb an excellent water and powder sprayer for plants. 8-oz. and 12-oz.

8-oz.....$0 79
12-oz..... 1 25

SALEM SPREADERS

For Fertilizer, Lime or Seed



The 20-inch and 30-inch Spreaders are as rugged and dependable as of old. Hoppers made of heavy gauge material with patented automatic shut-off. The agitator distributes fertilizer or seed in correct amounts; accurately regulated by the feeder slides.

The New 16-inch Spreader, correctly named "America's Greatest Value," fully equipped, embodies all the features of the larger Spreaders. It is the right size for small lawns and in the price-range of all.

Each machine pays its own way because it distributes fertilizer and other materials evenly and in the proper amount. 16-in., $4.75; 20-in., $8.45; 30-in., $14.95.

Heavy-Duty. 36-in., $27.50.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Shovels, Long-Handled

Special. Round point	$1 50
Ames. Round point	2 45
Ames. Square point	2 45

Spades

Special. "D" handle	$1 75
Ames. "D" handle	2 45
Boys' or **Transplanting**	1 50
Nursery	4 00
Razor Back	1 50

Spades, Long-Handled

Ames	$2 45

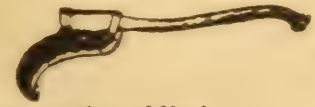
Spading Forks

"D" handle; light	$1 75
"D" handle; heavy	1 90

Pitchforks

Acme. 4-tine	$2 10
Regular. 4-tine	1 90
Special. 4-tine	1 40
Long-handled.	2 10

Brush Axes



Two-in-one Ax and Hook	$2 50
Brush Ax	2 50
Short Hand Brush Ax	25

Axes

3½ to 4-lb., without handles	$2 35
3½ to 4-lb., with handles	2 95

Handles

Ax	$0 70
Pick	60
Rake	40
Garden Hoe	35
4½-ft. Shovel	70
6-ft. Fork, Strapped	75
"D" Spade	50
"D" Spading Fork. Strapped	70
"D" Manure Fork	70
"D" Shovel	50

Sickles

Nowatco	$0 65
Graswip	1 20

Scythes

American Grass	$2 25
Diamond Bush. Assorted	2 25

Snaths

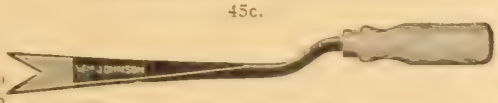
Patent	$2 60
Rings	2 35

Scythe Stones

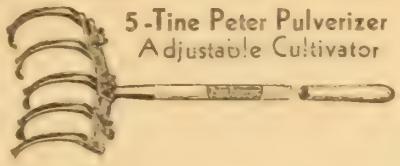
Darby Creek	$0 20

Asparagus Knives or Weeders

45c.



5-Tine Peter Pulverizer
Adjustable Cultivator



Peter Pulverizer is more than just another cultivator—it's a real time and labor saver! It pulverizes clods and forms a fine seed bed, prepares a fine, even seed bed, eliminates the backache of garden toil. Adjusts from 6 to 11 inches.

Peter Pulverizer. 5-prong	$2 00
Big Pete. 5-prong	1 59
Lady Pete. 4-prong	1 25

Steel Hoes Sizes 6 and 8

Solid Socket	$1 25
Competition	95
Planters'. Heavy handle	1 10

Mattocks, Heavy Steel

Steel. 6-in. long cutter	$1 80
Picks	1 45up
Handles, extra	60
Potato Hooks. Light	1 35
Potato Hooks. Heavy	1 65

Dibbles

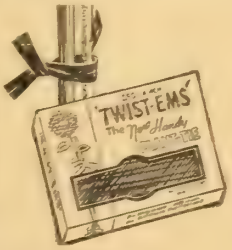
Bent wood handles; steel points ..... 85c.

Hotbed Sash

Made of the best white pine. Unglazed and not painted. Size 3 ft., 2 in. x 6 ft. Four rows 8-in. glass, $2.65. Glass, per box, $3.95.

Dirt-Bands

These form square, bottomless pots that can be transplanted without removing plant from pot or disturbing roots. 3 x 3 in., 1000, $4.15; 500, $2.15; 100, 75c.; doz. 15c.



Twist-Ems

The New Handy Plant-Tie

Dark green strong tapes with wire reinforcing that make perfect plant-ties. For plants, vines and shrubs and arranging flowers.

7-in., bundle (250)	$0 50
8-in., bundle (125)	25
16-in., bundle (125)	50

Write for special quantity prices

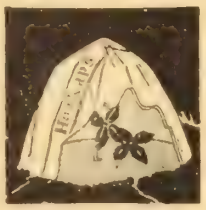
Bloomlife

Cut-flower food especially developed to give extra life, color, and fragrance to all hard-stem blooms. 10c.

Germāco

Hotkaps

New Method of Plant Protection



Shields plants from frost, wind, and rain; protects them from insects; miniature "hothouses." Roll (1000) $11.00.

250 Hotkaps with Fibreboard Setter $3.50.

100 Hotkaps with Fibreboard Setter $1.95.

25 Hotkaps 50c. Postage or Express extra. Write for quantity prices and pamphlet.

Neegards

The Modern Knee-Protector

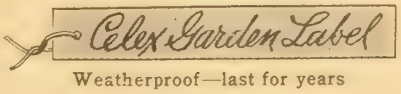
Neegards are an absolute necessity for men and women who do any work that requires kneeling on the ground. They are completely adjustable and form-fitting to fit any size knees. $1.25 per pair.

Made from select imported leather processed to render it amazingly soft and pliable, as well as durable. Permit almost barehand freedom with maximum comfort, yet provide complete protection from dirt, bruises, scratches and stains. 90c. per pair.

Time-Saver Adjustable Plant Supports

Made of heavy wire and cord. Adjustable for both height and diameter.

	Each	Doz.
No. 2. 3 ft. high	$0 15	$1 20
No. 3A. 4 ft. high	20	2 20
No. 4. 5 ft. high	25	2 75
Peony Supports.	Each 35c.; doz. $3.30.	



Weatherproof—last for years
Doz. 25c.; 25, 45c.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Flower Pots

STANDARD FLOWER POTS

	Each	Doz.	100
2-in.	$0 02½	$0 20	$1 15
2½-in.	03	25	1 50
3-in.	03	30	1 95
4-in.	04	40	3 00
5-in.	07	75	5 40
6-in.	10	1 10	8 10
7-in.	15	1 75	13 50
8-in.	22	2 50	19 50
9-in.	33	3 75	30 00
10-in.	45	5 15	40 50
12-in.	90	9 90	82 50
14-in.	1 40	16 25	
16-in.	3 00	35 00	

Saucers

	Each	Doz.	100
3-in.	$0 02½	$0 25	$2 00
4-in.	03	30	2 25
5-in.	04	40	3 00
6-in.	06	55	4 50
7-in.	08	85	6 75
8-in.	12	1 20	9 50
9-in.	15	1 60	12 50
10-in.	23	2 50	20 00
12-in.	33	3 75	30 00

Inside measurement. No charge for packing. 6 at doz. rate; 50 at 100 rate. Cannot mail. Freight or Express extra.

Paper Pots

	10	100	1000
2½-in.	$0 10	$0 75	$5 10
3-in.	15	85	6 15
4-in.	20	1 20	9 85
5-in.			13 50
6-in.			17 85

Waterproof Paper Pots—Green

	1000		1000
2½-in.	$7 70	5-in.	$20 40
3-in.	9 15	6-in.	26 75
4-in.	14 00		

Metal Flower Pots

Rustic finish; made of copper alloy metal. Guaranteed 5-year service.

	Each	Doz.
4-in.	$0 25	$2 75
5-in.	30	3 25
6-in.	38	3 75
8-in.	50	5 25
9-in.	65	7 00
10-in.	85	9 75
12-in.	1 25	14 50

Saucers included

Cedar Plant Tubs

Virginia white cedar painted deep green and bound with three bands heavy black wire. Two larger sizes bound with broad iron bands. Handles and feet are black iron.

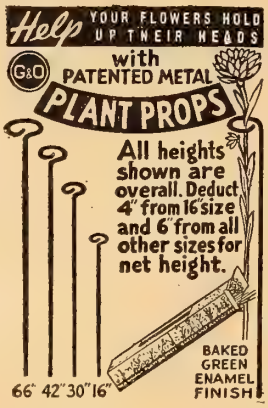
8-in., without handles.....
10-in., without handles.....
12-in., without handles.....
14-in., without handles.....
16-in., without handles.....
14½-in., with handles and metal feet..
19 7/16-in., with handles and metal feet..

Metal Plant Props

Press the Prop firmly in the ground alongside of the plant and push the plant gently through the opening at the top. The four sizes will take care of practically all garden plants.

Overall	Doz.
16-in.	$0 50
36-in.	95
42-in.	1 20
66-in.	2 00

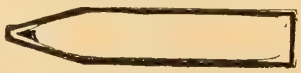
Write for prices on larger quantities.



Plant Stakes

	Each	Doz.	100
3-ft. Wood	$0 07	$0 60	$4 50
4-ft. Wood	10	1 00	7 50
6-ft. Wood	15	1 65	12 50
2-ft. Bamboo, light	01½		1 00
3-ft. Bamboo, light	02		1 50
4-ft. Bamboo, light	02½		2 00

Labels



	Doz.	100	1000
Plant. 3½-in. Painted; copper-wired	$0 10	$0 40	$3 20
Pot. 4-in. Painted	10	35	2 65
Pot. 6-in. Painted	10	40	3 50
Garden. 8-in. Plain	15	80	7 20
Copper. ¾ x 3¾-in. Copper-wired			
Stylus for above, each			

Wayward Vine Guide and Support

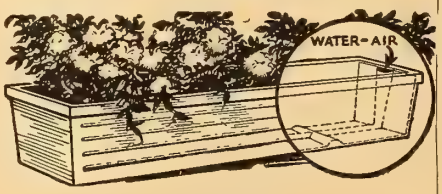
For training and supporting ivy and other vines, etc., on brick, stucco, stone and cement walls without defacing. No *Nails—No Holes*. Box of 25, $1.00.

Raffia

For tying asparagus; also used extensively for tying plants to stakes.

Prices given on request

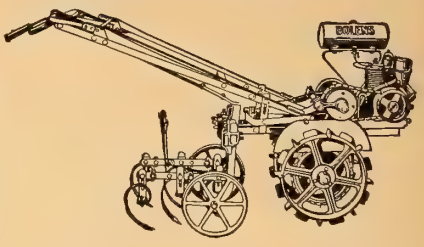
Perfecto Window-Boxes



Made of copper-bearing steel, heavily lead-coated. Guaranteed 5 years. Far superior to galvanized boxes. They are scientifically ventilated so that the roots of the flowers will not rot. Made in five sizes.

20 in. long.....
26 in. long.....
32 in. long.....
38 in. long.....
44 in. long.....

Bolen's Garden Tractor



A rugged, compact and extremely flexible service unit. Always ready for any job—garden-plowing, seed-bed preparation, seeding, close weeding, cultivating (narrow or wide), mulching, spraying or crop-harvesting. Likewise adaptable to lawn-mowing and a variety of belt work.

Super Huski-Ho (Pneumatic Tires) with cultivator	$145 50
Sickle Bar Attachment	48 50
Huski-Gardener (Pneumatic Tires)	263 50
Plow Attachment	26 00
Cultivator Frame	15 75
Sickle Bar Attachment	58 50
Disc Harrow Attachment	37 50

All F.O.B. Factory
Write for complete catalogue

Red Chief Grinding Mill $4.95

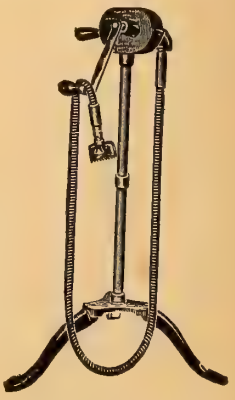
Red Chief Corn Sheller $2.10

Wickets

¼-in., 22 in. high, 12 in. wide, painted green. Shipping weight, 9 lbs. per doz.

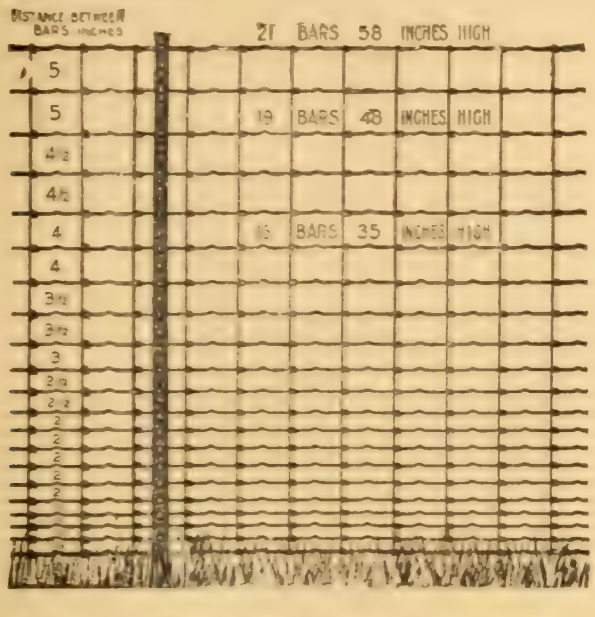
Stewart Clipping Machine

No. 1. Hand Type....$14 95
No. 51. Clipmaster.. 21 95
No. 31. Shearmaster.. 26 95



Hog and Cattle Steel Wire Fencing

	Height	No. bars	20-rod roll
No. 726. Hog Fence	26 in.	7	$9 95
No. 832. Hog Fence	32 in.	8	11 70
No. 845. Cattle Fence	45 in.	8	9 50
No. 1047. Cattle Fence	47 in.	10	11 00



American Steel Poultry Fence

	Height	10-rod roll
No. 2048.	48 in.	$6 50
No. 2158.	60 in.	7 50
No. 2672.	72 in.	8 75

American Tubular Galvanized Steel Posts

The strongest and most sturdy Line-Post made.

5 ft.	$0 63	7 ft.	$0 85
6 ft.	76	7½ ft.	91
6½ ft.	80	8 ft.	98
Drive Caps			60
Ball Tops			23

Corner Posts, Double Braced

Heavy. 6 ft.	$4 70	**Heavy.** 7 ft.	$5 35
Light. 6 ft.	2 55	**Light.** 7 ft.	3 00

End Posts, Single Braced

Heavy. 6 ft.	$3 30	**Heavy.** 7 ft.	$3 85
Light. 6 ft.	1 85	**Light.** 7 ft.	2 10

Ideal U Posts

5 ft.	$0 40	7 ft.	$0 53
6 ft.	46	8 ft.	58

Special prices on quantity.

Barb and Strand Wire

Barb Wire. 5 in. between barbs. 80 rods $4 85
2-Strand Twist Wire. 80 rods 4 70

Staples

¾ or ⅞-in., for poultry wire, lb. 12c.; keg. $7.25; 1¼-in. for stock fence, lb. 10c.; keg $5.75.

Nails

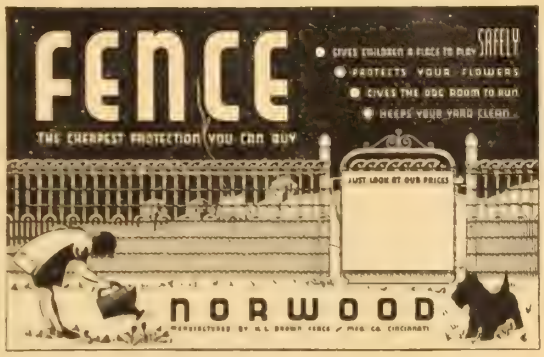
3 to 60-penny, at market price. Write for quotations.

Post-Hole Diggers

$2.00

Diamond Mesh Poultry Fence

Height	2-in. mesh Per foot	2-in. mesh Per roll	1-in. mesh Per foot	1-in. mesh Per roll
12 in.	$0 02	$1 35	$0 03	$2 55
18 in.	02½	1 80	04	3 65
24 in.	03	2 30	05	4 80
30 in.	03½	2 80	06	5 95
36 in.	04	3 25	07	7 00
48 in.	04½	4 25	08	9 05
60 in.	05	5 20	10	11 20
72 in.	06	6 15	12	13 55



Height	Style 100 Single Foot	Style 600 Double Foot
36 in.	$0 14	$0 17
42 in.	17	19½
48 in.	19	22

FLOWER BORDER	Foot		Foot
16-in.	$0 09	22-in.	$0 10
Trellis. 18-in.			10

Special prices on full roll lots

Lawn Gates

	Galvanized Plain	Galvanized Fancy
3 ft. by 36 in.	$3 60	$3 95
3 ft. by 42 in.	3 75	4 20
3 ft. by 48 in.	3 95	4 30
4 ft. by 58 in.	4 85	
Drive Gate. 10-ft. by 42 in.		11 65
Drive Gate. 12 ft. by 50 in.	11 25	
Drive Gate. 12 ft. by 58 in.	12 00	
Double Drive Gate. 10 ft. by 42 in.		11 65

CHAIN LINK FABRIC

Makes a strong non-climbable, attractive fence

2-inch mesh, No. 11 Gauge

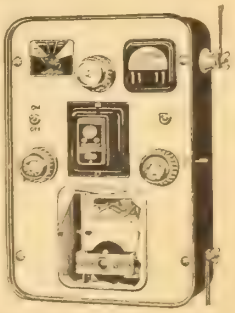
	Ft.
36-in. Galvanized before weaving	$0 19
42-in. Galvanized before weaving	21
48-in. Galvanized before weaving	23
60-in. Galvanized before weaving	27

Special prices on full roll lots

Prime Electric Fence

One wire, connected to Prime Controller holds horses, cattle and hogs. Easily, quickly set up and moved for temporary or permanent pasture. Prime, the best, most dependable controller; proved service on tens of thousands of farms. Built according to the Electric Fence Reexamination Service standards established by the Underwriters' Laboratories.

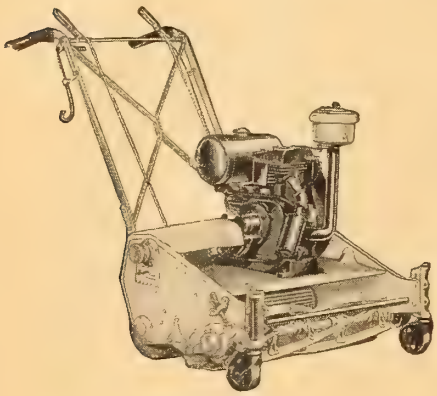
No. 48V. 110-volt $35 00
No. 33V. Battery Type 16 00



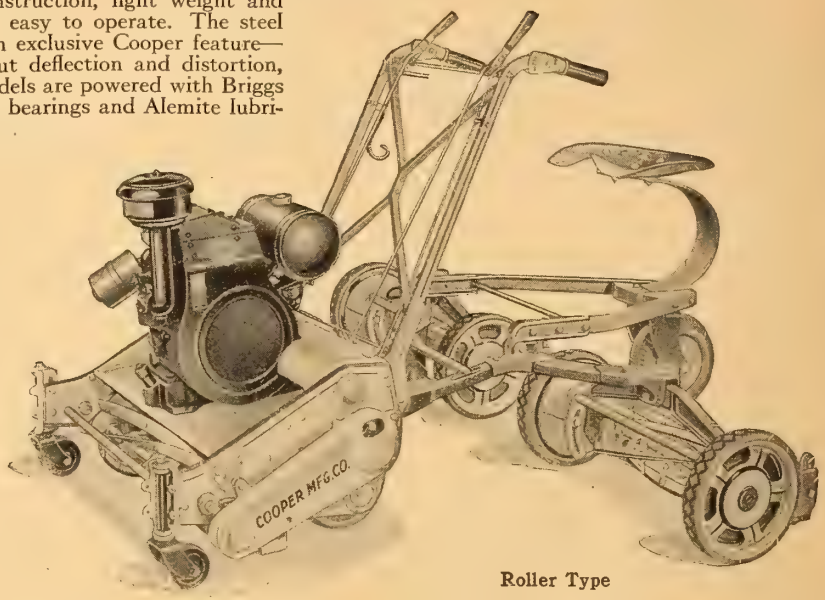
COOPER POWER LAWN MOWERS

POWER—STAMINA—PERFORMANCE

Cooper Mowers are popular for sturdy construction, light weight and perfect balance. Models are short coupled and easy to operate. The steel frame is anchored to a solid aluminum deck—an exclusive Cooper feature—providing strength and minimum weight without deflection and distortion, giving solidity, smoothness and long life. All models are powered with Briggs & Stratton latest model engines. Ball and roller bearings and Alemite lubrication throughout.



Roller Type



Roller Type

"Cooper Imperial" 27 in. "Cooper Royal" 20 in.

The Royal and Imperial models meet every lawn mowing requirement and will maintain a vigorous and healthy growth of grass, keep it evenly trimmed and rolled at less cost than any other power mower.

Following up for close trimming is unnecessary because the Cooper cuts as close to trees, shrubs, walks, flower beds, fences, etc., as the ordinary hand mower.

ROYAL. 20 in.....$195 00 **IMPERIAL.** 27 in...$299 50

Cooper Heavy Duty Triplex 63 in.

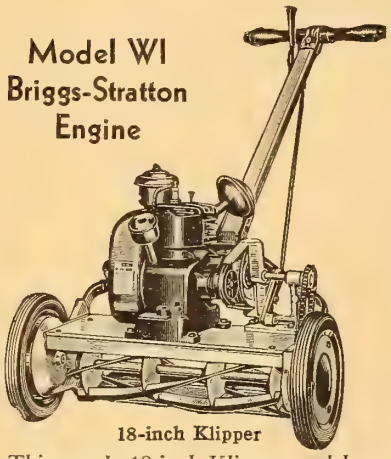
Increased capacity for large expanses is available with this 63-inch Heavy Duty Mower, powered with Briggs & Stratton Model BHR 3 H.P. engine, with two extra 19-inch cutting units, which are quickly attached or detached. Mower can be used, with or without the riding attachment.

Heavy Duty 27-in. Mower Only.....$357 50
1-Wheel Riding Attachment..... 30 00
Set of 2—19-in. Triplex Units..... 60 00

Cooper Wheel Type Mowers

LIGHT—SPEEDY—EFFICIENT

Model WI Briggs-Stratton Engine

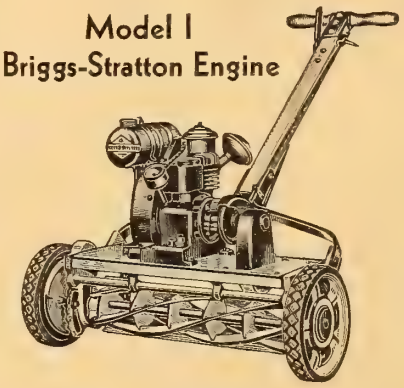


18-inch Klipper

This sturdy 18-inch Klipper model combines high quality with precision engineering and extreme simplicity to produce a rugged, full-size power mower within the price reach of every home owner who mows a lawn. Low in price; economical in operation.

Cooper Klipper.....$87 50
Hand Starter..... 3 50

Model I Briggs-Stratton Engine



25-inch

The Cooper "25" with fully enclosed chain and gears, especially designed for larger lawns, yet reasonably priced. Light weight, strength and durability, along with simplicity and exceptionally easy, economical and dependable operation. Hand starter and hand throttle.

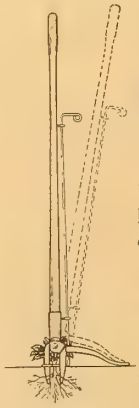
Cooper 25-inch.....$169 50

Electric Hedge Trimmers

Trims Hedges Ten Times Faster

No more tiresome labor with hand shears. Electrimmer makes it fun and does a better job!

It will enable you to trim 100 feet of hedge, top and sides, in 30 minutes or less —and you'll be cool, fresh and smiling when it's done. $29.50.



THE WEED-O-MAT

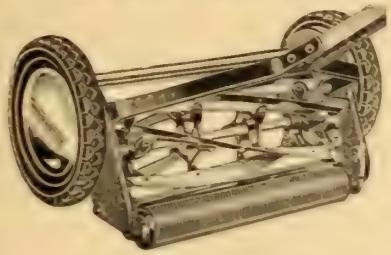
New Triple-Action Lawn Weed Puller. Designed on the lever principle with lightning-quick ejector. Price, $2.50.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

LAWN MOWERS

Quiet Turf Master Mower

A modernistic Mower of streamline design; popular priced and of unusual quality. It is quiet and easy running. Especially suitable for large lawns. Semi-pneumatic tired, 6-inch diameter, 5-blade reel, ball-bearing, rubber - covered roller.

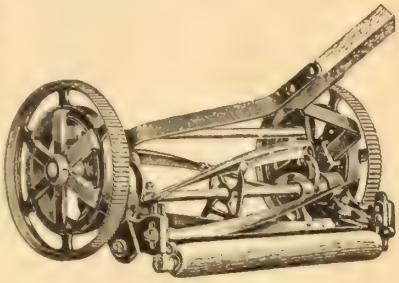


16-inch. . . . . .
18-inch. . . . . .

Western Ball-Bearing Mower

Meets the demand for a high - wheel Mower of good quality at moderate price. Tool steel cutter bar of highest quality, well braced. Bed knife and bearings easily adjustable.

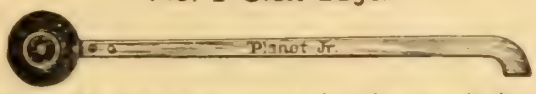
14-inch
16-inch
18-inch



Lawn Trimmer

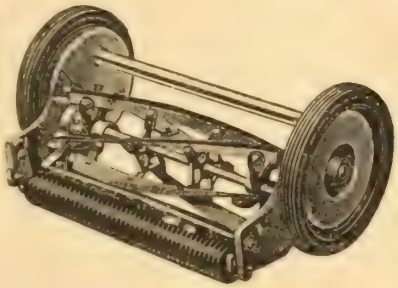
One wheel, 8-inch lawn mower with edger. Will cut very close to a wall or tree. Takes the place of grass shears or grass hook.

No. 2 Grass Edger



Neat, good-looking lawns require that the edges be kept well trimmed. $1.60.

LONG-HANDLE EDGER. 95c.



Grass Groomer Lawn Mower

Attractive, modern, high grade, ball-bearing Mower; 10-inch semi-pneumatic tired wheels; 5-blade reel; rubber-covered roller.

16-inch. . . . . .
18-inch. . . . . .

Wiss Clipper Grass Shears

No. 801	$0 98
No. 700	1 35
No. 5600	1 50

Hedge Shears

8½-in. **No. 8½J Wiss**	$1 75
8½-in. **No. 8½B Wiss**	2 20
8½-in. **No. 8½A Wiss**	2 75

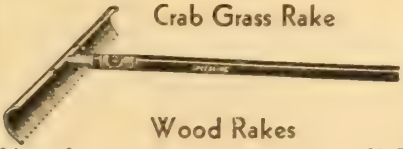
Pruning Shears

No. 60	$1 00
No. 15. Bernard	1 50
No. 908. Wiss	2 25
No. 309B. Wiss	
No. 109V. Wiss	
Bernard Lopwell. 30-in. handle	2 50
Rouse Tree Pruners. 8-ft.	2 20
10-ft.	2 30
12-ft.	2 65
Curved Pruning Saws	
Flowers Shears	

Iron and Steel Garden Rakes

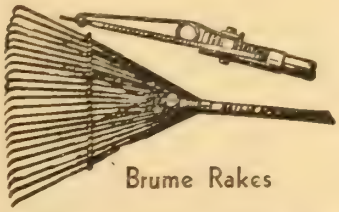
	Each
14-tooth. Steel Rake	$1 10
14-tooth. Steel Bow	1 40

Crab Grass Rake



Wood Rakes

24-tooth	$0 70
Rugg	1 15

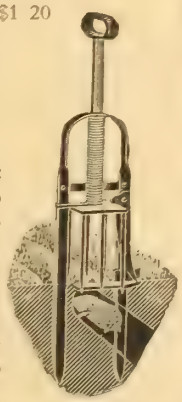


Brume Rakes

Steel Spring	$1 20
Bamboo. Wood handle	

Mole Traps

The mole causes great loss and annoyance to growers and market gardeners. One mole can cause the loss of an entire seed-bed in a few hours. One Mole Trap will catch and destroy them. We guarantee these Traps to work satisfactorily. 90c.



Water Ballast Roller

To increase the weight, add water. To decrease the weight, draw out water.

Size	Weight filled lbs.	
14 x 24	175	$12 85
18 x 24	265	15 00
24 x 24	420	18 25
24 x 32	566	21 50

SPIKE TAMP
"THE LAWN MAKERS' FRIEND"

Tamps seeded places. Smooths rough ground. Can be quickly reversed for spiking old lawns. Shipping weight, 12 lbs. $4.50.

Transplanting Trowels

Planet Jr. Bulb	$0 65
Planet Jr. Wide	65
Steel	25
Steel Narrow	25
Heavy Forged	85
Hoe Trowel	85

Lawn Weeders

Johnson No. 2500. . . . . . $0 45

Sure Grip Lawn Weeder. 38-inch handle . 1 65

Sure Grip Lawn Weeder

INSECTICIDES

ACME ANT-KILL. Rid your home and premises of the embarrassing and health-injuring ant nuisance. Kill the ants in the nest. Ant-Kill syrup is sold in connection with safe patented service cups which give protection to birds, chickens, pets and children, yet readily accessible to ants who carry the syrup back to the nest. Attractive to Argentine and sweet-eating ants.

Junior Set. 2 cups, 2 ozs. syrup, 35c. **Cottage Set.** 5 cups, 3 ozs. syrup, 65c. **Syrup.** 2-oz. bottles, 20c. **Service Cups.** 10c.

Ant-"X" Jelly. Prepared ant-bait in handy convenient tubes. Brings swift death to ant legions—used indoors or out, a sure kill for nest or hill. 1-oz. handy tubes 35c.; 4-oz. handy tubes $1.00.

ACME APHIS SPRAY. An improved nicotine spray combining a soft fish-oil soap with Black-Leaf 40. Suitable for the control of all kinds of aphis (plant-lice) and many more hardy insects. 3 ozs. 35c.; 12 ozs. $1.00; 2½ lbs. $2.35.

ACME ARSENATE OF LEAD. The widest used arsenical insecticide. Safe on tender foliage for the control of chewing insects on fruit trees, vegetables, tobacco, and many other plants. Controls grubs in lawns. Lb. 35c.; 4-lb. bag 75c.

ACME BAIT-M. An attractive insect bait for plant-protection. Contains metaldehyde, the marvelous new discovery for control of snails and slugs. Also contains Calcium Arsenate effective against cutworms, earwigs, sowbugs, grasshoppers, and certain other insects which migrate on ground. Lb. 25c.; 2½ lbs. 50c.

ACME BORDEAUX MIXTURE Prevents large losses caused by blight, rot, mildew, scab, anthracnose, etc. Stimulates plant-growth, increasing the harvest. Almost every kind of vegetable, fruit, and shrub can be improved by Bordeaux spraying. Lb. 32c.; 4 lbs. 70c.

"Black-Leaf" 40

Nicotine Sulphate—40 per cent Nicotine

Destroys aphis (plant-lice), thrips, leafhoppers on all trees, bush and vine fruits, vegetables, field crops, flowers and shrubs, also apple red bug, pear psylla and similar soft-bodied sucking insects—all without injury to foliage. 1 oz. makes 6 gals.; 1 lb. makes 80 to 250 gals. Oz. 35c.; 5 ozs. $1.05; lb. $2.50; 2 lbs. $3.70; 5 lbs. $6.90; 10 lbs. $11.65.

Coppercarb. A dry-dust treatment for seed wheat to kill smut spores. 5 lbs. 95c.

Copper Sulphate (Blue Stone). Lb. 20c.; 5 lbs. 60c.; 25 lbs. $2.50.

CYANOGAS A modern fumigant for greenhouse or orchard use and for extermination of rodents, vermin, etc.

Cyanogas G for greenhouse, mushroom and soil fumigation.

Cyanogas A to kill ants, rats, moles, woodchucks, fleas, moths, bats, etc.

25-lb. tins $10.00; 5-lb. tins $3.00; 1-lb. tin 75c.

Cyanogas Ant-Killer. 4-oz. can, 30c.

Calcium Arsenate. Especially effective against bean beetle when dusted with lime, using a 1 to 7 formula. Lb. 26c.; 4 lbs. 50c.

Carbon Disulphide. A liquid for killing weevil and grain moth. One pound treats 50 to 75 bus. Lb. 40c.; 5 lbs. $1.50. Cannot be mailed.

Ceresan. Treats wheat, oats and rye for smut. 4 ozs. 30c.; lb. 80c.; 4 lbs. $2.70.

Dog-Check. "The Modern Repellent." The only effective, proved curb to canine habits, needed by all whose neighbors' dogs "visit" and wither flowers, lawns, hedges, shrubs and saplings. 3-oz. bottle, with applicator, 60c.; 8-oz. bottle, with applicator, $1.00.

ACME DAWG-GONE. Protect that evergreen — keep dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees at the points of approach. The odor slowly emanating from the open tube will keep dogs at a distance. Mailable. Tube 25c.

Dogzoff. A spray that discourages dogs from the habits that are so destructive to evergreens. One spraying lasts several weeks. 3-oz. bottle 60c.

Dritomic Sulphur. Recommended for the control of scab on peaches, brown rot on peaches, plums and cherries and cedar rust on apples. Use 5 to 7 pounds to 50 gallons of water. 5-lb. pkg. 60c.

Acme DuraDust No. 25

Contains: 25% DDT. Suitable for use as spray or dust. For control of leaf hopper, flea beetle, psyllid, plant bugs, Japanese beetle, cabbage worms, potato bugs, caterpillars, thrip, rose chafer, codling moth, oriental fruit moth. 1-lb. carton, 60c.; 4-lb. bag $1.95.

Household DDT Spray

Contains: 5% DDT. For control of houseflies, mosquitoes, roaches, bedbugs, ants, clothes moths. Qt. 80c.; gal. $2.50.

ACME EMO-NIK. A valuable spray for the control of scale, red spider, mealy bug, white flies, rust mites, aphids, and many other common insects. A complete contact insect spray combining nicotine in its most active form with Emo, a high-quality summer oil emulsion. Practically odorless when sprayed. 4½ ozs. 35c.; pt. 65c.; qt. 95c.; gal. $2.50.

Fish-Oil Soap. Dissolved in water makes an excellent spray for scale on palms, etc. 1-lb. pkg. 35c.; 7½ lbs. $2.15.

Fume-Ogen. A new scientific dog-, cat- and ant-repellent and insecticide. Powder form —convenient shaker can. 50c.

JAPIDEMIC

MILKY DISEASE SPORE DUST

Controls Japanese beetles. Treat your soil against these pests and save your turf from ruin. Will remain active in the soil for many years to kill the Japanese beetle grubs. Japidemic is harmless to plants, human beings, and animals when used according to directions. 1 lb. treats 4000 sq. ft. Ask about Japidemic NOW. ½lb. $2.75; lb. $4.50.

Write for prices on larger quantities

K-R-O. *Kills rats and mice only.* Will rid your premises without endangering your pets. 2 oz. powder 75c. Ready mixed, 35c.; $1.00.

KRYOCIDE. Dust or Spray. For control of many chewing insects. Big growers have used Kryocide for many years to field-protect market crops and canned foods of national reputation. NOW this proved insecticide is available for the gardens of America. 1-lb. can 35c.

Kryocide D50 with sulphur. 1-lb. sifter top carton 50c.; 3-lb. bag 85c.

ACME LIME-SULFUR (DRY POWDER). Widely recommended, and known as the best preparation for scale, etc. Lb. 37c.; 5-lb. can $1.53; 12½-lb. bag $1.85. Write for prices on larger quantities.

LIME-SULFUR SOLUTION. Gal. $1.00; 5 gals. $4.00. Write for prices on larger quantities.

Mologen (Mole Killer). Eliminates moles from your lawns. 8-oz. can 50c.; 24-oz. can $1.25.

Nicotine Pyrox An insecticide and fungicide that guards against all insects and prevents rots and blights. 20 ozs. 60c.; 5 lbs. $2.00; 25 lbs. $6.50.

Para-Dichlorobenzene. The effective cure for peach-tree borer. Lb. 60c.; 5 lbs. $1.75.

ACME PARIS GREEN. ¼lb. 18c.; lb. 52c.; 5 lbs. $2.35.

Pomo-Green

With nicotine. The leaf-green rose dust or spray for control of black-spot, mildew and external insects. Apply every week or ten days during the growing season. Lb. 80c.; 5 lbs. $3.30.

ACME ROTENONE GARDEN GUARD Dust or spray with Acme Rotenone Garden Guard. The killing ingredient is now Rotenone, non-injurious to humans and warm blooded animals. It gives immediate control over a range of insects, including such hard-to-kill bugs as squash bugs and cucumber beetles. 1-lb. sifter carton 38c.; 6-lb. bag $1.35.

For Larger Quantities Ask for Quotation

INSECTICIDES, continued

Acme Scientific Rose Spray

A "system" of spray treatment for roses and flowers of all kinds. Eliminates guesswork. Each set contains three separate items—A, B, and C—each scientifically made to combat one of the three major classifications of blight and insect pest. Mix all three together with water. Use regularly. Result: Complete all-round protection. Surprisingly economical.

Sizes	Amount of Spray	Prices
No. 3.	12 qts.	$0 95
No. 6.	24 qts.	1 50
No. 24.	96 qts.	4 00
No. 48.	48 gals.	6 00
No. 96.	96 gals.	9 75

Effective against bean beetles, aphis, slugs, rose chafers and other insects. It is non-poisonous. Oz. 35c.; 4 ozs. $1.00; pt. $2.85; qt. $5.25; gal. $13.35.

ACME RED RIVER POTATO MIX. (Dust or Spray.) A scientific formula combining a patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker—drives off flea beetle and leaf-hopper—prevents blight—stimulates foliage. Get top prices for your harvest. 1-lb. bag 33c.; 4-lb. bag 93c.

G & O RABBIT REPELLENT. Rabbits have become such a pest that whole vegetable and flower gardens have been entirely eaten up by them within a few days. G & O Rabbit Repellent will discourage ambitious rabbits with safety to all, including the rabbits. Lb. 45c.; 5 lbs. $1.75.

ACME STOP. A sticky tree-banding compound for use on trees, shrubs, and vines to prevent insects from crawling up to destroy foliage. 6 ozs. 35c.; lb. 65c.; 7½ lbs. $4.00.

ACME TOMATO DUST is especially prepared to control blight and worms preying on tomatoes. While specifically designed for tomatoes, it also is equally effective in the control of leaf-chewing insects and blight on many other vegetables such as potatoes, cucumbers, beans and cabbage, also many flowers as roses, azaleas, asters, and hollyhocks. 1-lb. sifter carton 35c.; 4 lbs. 80c.; 1-lb. pump gun 55c.

ROTENONE GARDEN SPRAY NNOR, containing rotenone, kills most common garden bugs of both sucking and leaf-eating types. **You've got to wet them—to get them.** NNOR penetrates the waxy or hairy covering, brings the tremendous power of rotenone into action. Oz. 35c.; 6 ozs. $1.00; 16 ozs. $2.15; gal. $13.50.

Scalecide. A miscible oil used as a dormant spray against scale and other pests. Qt. 75c.; gal. $1.75; 5 gals. $6.35.

Semesan. A disinfectant for use in treating seed. Trial size 10c.; 2 ozs. 40c.; 12 ozs. $1.88.

Semesan, Jr. A dust disinfectant for seed corn. 1½ ozs. 15c.; 12 ozs. 56c.; 6¼ lbs. $3.75.

Semesan Bel. Disinfectant for seed potatoes. 2 ozs. 30c.; lb. $1.65; 4 lbs. $5.70.

ACME WETTABLE DUSTING SULPHUR. An improved Dusting Sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreen, and mildew, leaf-spot, black-spot, and rust on rose bushes, chrysanthemums, snapdragons, carnations and certain other foliage. 98 per cent passes through a 325-mesh screen. 2-lb. sifter carton 30c.

Sulphur for Dusting. Lb. 15c.; 10 lbs. $1.00; 25 lbs. $2.00; 100 lbs. $7.00.

Tobacco Dust. Lb. 10c.; 10 lbs. 50c.; 25 lbs. $1.00; 100 lbs. $2.75.

Tobacco Stems. Bale $2.25.

TRI-OGEN

The all-purpose spray

(TRIPLE SPRAY TREATMENT)

Complete protection against plant diseases and insects. Stimulates plant-growth. In highly concentrated form. Trial Kit 90c., Small Kit $1.50; Medium Kit $4.00; Large Kit $6.00; Estate Kit $20.00.

Volck. A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrip, etc. Qt. 75c.; gal. $2.25; 5 gals. $8.50.

ZOTOX

A New Discovery

The development of Zotox, a concentrated liquid chemical, introduces a new and revolutionary method of controlling crab grass. When diluted with water and applied as a spray, Zotox not only *kills the crab grass plant*—it also *devitalizes the seeds*—thus checking reinfestation. This double-action is what makes Zotox so effective. 8-oz. bottle $1.00; 16-oz. bottle $1.50; 32-oz. bottle $2.50; 5-lb. bottle $4.50.

ACME VEGETABLE AND FLOWER GARDEN DUST. A nicotine arsenical dust (or spray) for control of many common varieties of both sucking and leaf-eating insects. May be used without restrictions on vegetables, flowers, shrubs, vines, etc. Contains two of the largest-selling insecticides used by commercial growers. A proved product. Adequate supply. 1-lb. cartons 40c.; 4-lb. bags $1.10.

Wilson's O. K. Spray. Qt. $1.00; gal. $3.00; 5 gals. $12.00.

ACME KOPPER SHIELD PRUNING PAINT. An antiseptic treatment for all pruning cuts and wounds in trees to protect against fungous infections of wood. ½pt. 30c.; pt. 45c.; qt. 75c.; gal. $2.35.

ACME WEED KILLER destroys weeds and all vegetation. The kind to use on driveways, clay courts, paths, etc. Also widely used in spotting out dandelions, plantain, and other noxious lawn weeds by application undiluted, using a weed cane or squirt-bottom oil can. Pt. 35c.; qt. 55c.; gal. $1.60.

WEEDONE

TRADE MARK

The new internal weed killer. Kills poison ivy, poison oak, bindweed, honeysuckle, dandelion, other noxious weeds. Sprayed on leaves, it travels down and kills right out to the root tips. Sprayed on lawns, it kills dandelions and other weeds without hurting the grass. Non-corrosive, safe for humans and animals. Just mix with water and spray. 6-oz. bottle (covers 500 sq. ft.) $1.00; 1-qt. can (covers 2,500 sq. ft.) $3.00; 1-gal. can (covers 10,000 sq. ft.) $10.00.

Larger quantities on request

FRUITONE

REG. U. S. PAT. OFF.

FRUITONE, the hormone spray for stopping premature drop of fruit, flowers and leaves. When sprayed on flowers of tomatoes or beans it produces better set and larger crop. Prevents premature drop of apples and pears. Makes hollies and other Christmas greens hold their leaves longer. ⅔-ounce packet, 25c.; 2-oz. package, $1.00; 12-oz. can, $5.00.

ROACH-NOTS

"Lays Them on Their Backs"

The universal pests known as roaches can now be safely destroyed and controlled with Roach-Nots. Trial size 25c. Estate size $1.00

All Prices Are Subject to Change Without Notice.

Liquids Not Mailable.

RAT-NOTS. *"Their Last Meal"*

Rat-Nots, the ideal exterminator—non-poisonous, relatively harmless to humans and domestic animals—comes in convenient prepared bait form. No traps to clean, no mixing, no muss or fuss. Rats take to it readily on account of its tempting taste and the slow toxic effect (six to ten hours), together with the peculiar action on the rat's respiratory organs, helps to drive them outdoors. Small size 25c. Large size $1.00.

MOUSE-NOTS

Ready to use. Mouse-Nots are placed in corners, in cupboards or where mice are in evidence. No finger-nipping traps to set—no nauseating traps to clean—no mixing—no muss—no fuss. Trial size 25c. Estate size $1.00.

MOLE-NOTS. *"Life-Saver" for Lawns and seed-beds*

Kills moles in their holes. Ready-to-use prepared bait. Frequent use of Mole-Nots will keep your lawn and flower-beds free from the mole nuisance. Trial size 35c. Estate size $1.00.

COMPŌ

TURNS COMPOST INTO ORGANIC MANURE

Compo is a mixture of chemical materials and is an excellent compost maker which speeds up the decomposition of leaves, grass clippings, vegetable and garden refuse. At the same time it enriches the compost, making it valuable as an organic fertilizer.

7½ lbs. (makes 375 lbs. organic manure) $1 00
25 lbs. (makes 1250 lbs. organic manure) 2 00
100 lbs. (makes 2½ tons organic manure) 7 50

Aluminum Sulphate. Used to make soils acid. Especially recommended for growing rhododendrons, mountain laurel, azaleas and other shrubs for which it is necessary to approximate the acid soil conditions of their natural habitat, such as is generally the case in virgin forests where these shrubs grow wild. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.

Blood-Meal (For Roses). For best results with roses, sprinkle a tablespoonful around the bush, about 1 inch away from it, every two weeks. It is also very valuable as a top-dressing in the vegetable garden, flower-garden, around house-plants, trees and in hothouses. Lb. 20c.; 3 lbs. 55c.; 5 lbs. 85c.; 10 lbs. $1.25.

Hydrated Lime. For sweetening sour soil. Can be broadcast and harrowed in or mixed with the soil. For dusting of plants and trees, Hydrated Lime is one of the best materials to mix with the insecticide. It is used also as a deodorizer and for making whitewash. 10 lbs. 20c.; 50-lb. paper sack 60c. Write for ton prices.

Land Plaster (Ground Gypsum). Should be more widely used for deodorizing manure-piles. When used for this purpose it also stops the loss of plant-food. Also used for mixing with insecticides for dusting plants. 50-lb. paper sack 50c.; 100 lbs. $1.00; ton $15.00, f.o.b. Washington, D. C.

Nitrate of Soda. Promotes rapid growth of green material. Contains 16 per cent Nitrogen. Write for prices.

Pulverized Limestone. A very finely ground Lime. Not as fast as Hydrated Lime but lasts in the ground over a longer period. 80-lb. sack 75c.

Sulphate of Ammonia. This material will stimulate growth almost immediately. Analysis: 20 per cent Nitrogen. 100 lbs. $2.90.

Es-Min-El

A carefully balanced and easily soluble mixture of mineral elements needed by fruits, vegetables, and field crops for healthy and profuse growth. Many plant diseases traceable to a deficiency of minerals are overcome through use of Es-min-el. 5-lb. bag $1.00.

Hyponex Plant-Food

A complete and balanced Plant-Food containing all major and minor elements with vitamin B_1 added. With Hyponex and water you can grow plants in soil, sand, barren earth or water. Hyponex has been approved and licensed in the agricultural departments of every state in the Union and Canada. The analysis of Hyponex is guaranteed: Nitrogen 7 per cent; available Phosphoric Acid 6 per cent; Potassium 19 per cent. (1 oz. makes 6 gals.)

1-oz. pkg.	$0 10	10-lb. drum	$8 00
3-oz. can	25	50-lb. drum	25 00
1-lb. can	1 00	100-lb. drum	40 00

PlanTabbs

The results from this wonderful new combination of a complete plant-food and Vitamin B_1 in measured effective amount, are thrilling thousands who love to grow indoor plants and garden flowers. PlanTabbs are small, white, odorless tablets. A complete properly balanced fertilizer guaranteed the high analysis of nitrogen 11 per cent, phosphoric acid 15 per cent, potash 20 per cent, are water-soluble, and dissolve quickly. 30 tablets 25c.; 75 tablets 50c.; 200 tablets $1.00; 1000 tablets $3.50.

ADCO

A powder which, when mixed with almost any non-woody vegetable waste, such as leaves, vines and weeds, and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc.

150-lb. bag (enough for making 3 tons of manure) $10 50
25-lb. bags (enough for making ½ ton of manure) 2 00
7½-lb. pkg. 1 00

Rose Food 5-7-4

Roses require a better and an entirely different kind of feeding. G&O Rose Food contains the proper combination of organic materials to assure proper rose feeding.

5 lbs. $0 65
10 lbs. 1 25
25 lbs. 2 65

Sani-Soil

Sani-Soil acts as a soil insulator, preserving moisture and cultivation. Allows root systems to breathe and plant-foods to function at their best. 25-lb. bag $1.75.

Sphagnum Moss

Sphagnum Moss is used as a top-dressing for potted plants and raising seedlings.

It is extensively used for packing plants, to protect the roots and keep them moist. Also used by florists in making wreaths and floral decorations. $4.00 per bale.

Kem

Kem, the liquid plant-food, contains all eleven essential elements for plant growth, and since it is a liquid, it can be used immediately by the plant. Kem plus water can be applied easily at any time. Useful also for preserving cut-flowers and for feeding lawns, shrubs, and trees. 4 ozs. 10c.; 12 ozs. 25c.; qt. 50c.; 1 gal. $1.00.

The Original Legume Inoculator

NOBBE-HILTNER PROCESS

NITRAGIN

TRADE MARK REG'D. DEC. 5, 1898 NO. 32212

Restores and Maintains Soil Fertility

Guaranteed Fresh Each Year—Leads in High Germ Count

Agricultural colleges advise inoculation for all legume seed for profitable results because it pays well in producing larger quality yields. Fresh, high-count Nitragin, containing billions of efficient nitrogen-gathering germs, builds up the soil.

All legume germs are perishable. To protect you, Nitragin cans are stamped with expiration date. Insist on Nitragin.

NITRAGIN PRICES

Alfalfa, all Clovers

Size	
1 bus.	$0 50
2½ bus.	1 00

Peas, Vetch, Beans Austrian Winter Peas

Size	
100 lbs.	$0 50
1200 lbs.	5 70

Soy Beans Cowpeas

Size	
2 bus.	$0 30
5 bus.	55
25 bus.	2 50
30 bus.	3 25

Lespedeza

100 lbs. $0 50

Garden Size Nitragin. For Peas, Beans, Sweet Peas. Inoculates from 1 oz. to 8 lbs. seed. 10c.

Important: When ordering Nitragin, always be sure to state kind of legume seed you wish to inoculate.

ESTABLISHED 1894

SACCO

MAKES THINGS GROW

TRADE MARK REGISTERED

Sacco is a quality plant-food at a reasonable price—and a little goes a long way, making it very economical to use. Whether you have only a few plants or a large garden, remember Sacco *makes things grow!* 5 lbs. 40c.; 10 lbs. 70c.; 25 lbs. $1.40; 50 lbs. $2.40; 100 lbs. $3.50.

Sudbury Soil-Test Kits

This Kit is the only equipment we know of at anywhere near its price that tests for nitrogen, phosphorus, potash and acidity. Packaged in a strong cardboard container, it will give the gardener, who wants the best results with the least expenditure on fertilizer, complete information about the requirements of his soil.

Home Gardener Kit $2 00
Horticultural Kit 9 75
New De Luxe 22 50

STIM-U-PLANT

The Original Plant Tablet

Makes plants grow faster and bloom better. On the market thirty years. Wonderful results. Odorless, clean and economical. 30 tablets, 25c.; 100 tablets, 75c.; 1000 tablets, $3.50.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE. LIQUIDS NOT MAILABLE

Wizard Brand Manures Make All Plants Grow!

These concentrated Manures are dehydrated and absolutely weedless. They supply an abundance of humus and all the essential plant-food elements needed to make plants thrive. They are safe for all plants under glass and are convenient and very effective for mixing compost for bench or potting soil. You'll find Wizard unexcelled for lawns, flowers, vegetables, shrubs and trees. No matter what you grow, Wizard will give you better results because these Manures build up the soil and feed plants in nature's safe way. Avoid leached-out, inferior manures. Order genuine Wizard Brand for results. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. $1.05; 50 lbs. $1.75, 100 lbs. $3.15.

SPREADERS for applying plant-food evenly on your lawn or garden. See page 66.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Lōma

The Perfect Plant Food

for Everything Green that Grows

FAMOUS for QUALITY

There's a Difference Worth Knowing

In addition to Loma's scientifically balanced ration of nitrogen, phosphoric acid and potash, it contains manganese, magnesium, calcium, sulphur, iron, zinc, boron, chlorine, carbon, aluminum, titanium, sodium, chromium, copper and other elements essential to plant-growth.

Gardeners who know formulas choose Loma

100-lb. bag	$4 00
50-lb. bag	2 50
25-lb. bag	1 50
10-lb. bag	85
5-lbs.	45

TRANSPLANTONE

TRANSPLANTONE is a water-soluble powder containing Vitamin B-1, and other parts of the Vitamin B fraction, plus certain plant hormones which are active in root formation. Plant physiologists have shown that these chemicals are vital to the growth of plants, particularly of roots. The hormone initiates or forms roots while the Vitamin B chemicals are necessary for their continued growth. ½oz. 25c.; 3 ozs. $1.00; lb. $4.00.

Esskay Plant Food

Esskay Quality Plant Food is not a temporary stimulating Food. Being about 90 per cent organic material, it feeds the soil and furnishes the nitrogen, phosphorus and potash necessary to accelerate and complete plant growth. 50 lbs. $2.50; 100 lbs. $3.75.

ROOTONE

Reg. U. S. Pat. Off.

The Hormone Powder for Rooting Cuttings and for Dusting Seeds and Bulbs

THE MOST POTENT OF ALL PLANT HORMONES

Easier—Faster—Surer—Better—Cleaner—Safer

ROOTONE offers the most economical, simple, efficient way for the use of plant hormones, giving twice the number of cuttings at the same cost.

ROOTONE contains the most powerful plant hormone of all, naphthalene acetic acid, diluted with other ingredients to get the best range of activity on plants.

Trial size 25c.; 2-oz. jar $1.00; 1-lb. can $5.00

PEAT MOSS

Finely granulated, thoroughly dried material of good quality. The dependable source of necessary organic matter (humus) in the soil. Free from weed seed and injurious bacteria. Maintains proper moisture content in soil, improving its condition; for propagating benches, and where layering is practiced; for leveling greenhouse benches in place of sand or ashes; in potting soil; for storing bulbs and tubers over dormant season; mulching flower and vegetable beds, evergreens, roses, shrubs, etc. For making lawns and keeping them in condition and for many other purposes. Standard size bales, burlapped and protected by wooden slats, wire bound. Size about 22 x 23 x 36 in. $4.00.

Hyper-Humus

NATURE'S OWN SOIL ENRICHER

This is rich soil humus that has been aërated, sweetened and composted, making it an ideal top-dressing for lawns and flower-beds. Makes heavy soils light and porous, light soils heavy. Just what you need to promote plant and lawn development at the seashore. Gives immediate and permanent effect wherever used. No odor; no weeds.

For lawns use 200 lbs. to 1,000 square feet; for vegetables and flowers spread about 1 inch thick. It will work wonders. Lb. 10c.; 5 lbs. 20c.; 10 lbs. 30c.; 25 lbs. 50c.; 100 lbs. $1.75; ton $25.00.

Why I Recommend Vigoro

I always recommend Vigoro as the plant food to use in feeding all growing things. I know that it will give marvelous results every time. It's a complete plant food . . . every one of the 11 different plant food elements plants must get from the soil are right here in Vigoro.

Take my advice and try Vigoro this year. Clean and odorless, it's mighty nice to work with. And it's economical, too. Use it for lawns, flowers, shrubs, trees, and vegetables.

—THE MASTER GARDENER

100-lb. bag	$4.00
50-lb. bag	2.50
25-lb. bag	1.50
10-lb. pkg.	.85
5-lb. pkg.	.45
1-lb. pkg.	.10

VIGORO

Complete plant food

TABLETS, 24 FOR 10 CTS.

DRICONURE

Nature's finest all-organic fertilizer

The new Improved DRICONURE answers the need for a complete all-organic fertilizer and soil conditioner—a plant-food that is safe for the home gardener's use as well as the professional grower's. DRICONURE contains only nature's own products—cow manure, poultry manure and peat moss—all perfectly blended in the correct proportions to assure better growth and better garden results. It is a true combination, not a mixture. Absolutely safe; will not burn. IDEAL FOR FLOWERS, LAWNS, SHRUBS, TREES. 7½-lb. bag 55c.; 50-lb. bag $2.00.

INDEX

Vegetables Page

Artichoke 3
Asparagus 3
Asparagus Roots 3
Beans 4,5,7
Beets 1st cov., 6,7
Broccoli 7
Brussels Sprouts 9
Cabbage 9
Cabbage, Chinese 9
Cabbage Plants 9
Cantaloupe 15,17
Carrots 1st cov., 9,11
Cauliflower 11
Celeriac 11
Celery 11
Celtuce 11
Chard, Swiss 7
Chicory 11
Collards 11
Corn, Pop 13
Corn, Sweet 11,13
Cress 13
Cucumber 1st cov., 13
Eggplant 13
Endive 13
Herbs 25
Kale (Borecole) 13,15
Kohlrabi 15
Leek 15
Lettuce 15
Mangel-Wurzel 7
Mushroom Spawn 17
Muskmelon 15,17
Mustard 17
Okra 17
Onion & Sets 17,19
Parsley 19
Parsnips 19
Peanuts 19
Peas 19
Peppers 19,21
Potatoes 21
Pumpkin 21
Radishes 21
Rape 21
Rhubarb 23
Rutabaga 25
Salsify (Oyster Plant) 23
Soy Beans, Edible 5
Spinach 23
Squash 23
Tobacco 23
Tomato 1st cov., 23,25
Turnips 25
Watermelon 17
How to Plant 3

Field Seeds

Clover 26
Corn, Broom 27
Corn, Field 27
Cowpeas 27
Forage Seed 26
Grass Seed, Field 26
Grass Seed, Lawn 2d cov., 1
Small Grains 27
Soy Beans 27

Flower Seeds

Ageratum 28
Agrostemma 28
Alyssum 28
Amaranthus 28
Anchusa 28
Aquilegia 28
Arabis 28
Asters 29,30,43
Balloon Vine 30
Balsam 30
Balsam Apple 30
Blue Lace Flower 30
Calendula 30
Calliopsis 30
Candytuft 30
Canterbury Bells 31
Cardinal Climber 31
Carnation 31
Celosia 31
Centaurea 31
Cheiranthus 31
Chrysanthemum 31
Clarkia 31
Cobæa 31
Coleus 31
Coreopsis 31
Cosmos 32
Cynoglossum 32
Cypress Vine 32
Dahlia 32
Daisies 32
Delphinium 32
Dianthus 33,43
Digitalis 33
Dimorphotheca 33
Dusty Miller 33
Eschscholtzia 33
Euphorbia 33
Feverfew 33
Forget-Me-Not 33
Four o'Clock 33
Gaillardia 33,43
Geranium 33
Gilia 34
Godetia 34
Gomphrena 34
Gourds 34
Gypsophila 34
Helichrysum 34
Heliotrope 34
Hibiscus 34
Hollyhocks 34
Hyacinth Bean 34
Job's Tears 34
Kochia 35
Kudzu Vine 35
Lantana 35
Larkspur 35
Lathyrus 35
Linaria 35
Linum 35
Lobelia 35
Lunaria 35
Lupinus 35
Marigolds 36
Mignonette 35
Morning-Glory 36
Nasturtiums 37
Nemesia 36
Nemophila 36
Nicotiana 36
Nierembergia 37
Pansies 37
Petunias 37,38,43
Phlox 38
Poppies 38,39
Portulaca 39
Pyrethrum 39
Ricinus 39
Salpiglossis 39
Salvia 39
Scabiosa 39
Scarlet Runner Bean 39
Schizanthus 39
Snapdragon (Antirrhinum) 29
Statice 39
Stocks 40
Stokesia 40
Sunflower 40
Sweet Peas 40
Sweet William 40
Thunbergia 41
Tithonia 41
Tritoma 41
Venidium 41
Verbena 41
Vinca 41
Viola 41
Wallflower 41
Zinnia 42

Nursery Stock

Blackberry Plants 49
Boysenberry Plants 49
Evergreen Shrubs 49
Flowering Shrubs 48
Grape-Vines 49
Hedge Plants 48
Perennial & Biennial Plants 43–47
Raspberry Plants 49
Roses 53
Strawberry Plants 49
Trees, Evergreen 49
Trees, Fruit 49
Trees, Ornamental 48
Trees, Shade 48

Bulbs, Roots, Vines

Begonias 52
Caladiums 50
Cannas 51
Cinnamon Vine 50
Dahlias 52
Gladiolus 51, 4th cov.
Hyacinthus 50
Ismene 50
Madeira Vine 50
Tuberoses 50

Implements, Tools, Insecticides, etc.

Acme Rose Spray 53
Adco 74
Axes 67
Baskets, Tops, Liners 65
Bee Supplies 54
Belting, Farm 62
Berry Boxes 65
Bird-Houses & Shelters 54
Bloomlife 67
Brooms 65
Buckets 64
Carts—Push 65
Cultivators 62
Cutters, Feed, Sod 61,65
Dibbles 67
Dirt-Bands 67
Dog Food 54
Drills 62
Dusters 66
Edgers—Grass 71
Engines 62
Fence—Electric, Wire 69
Fertilizer Distributors 61
Fertilizers 74,75,76
Flame Gun 61
Flower Pots 67,68
Forks 67
Gates 69
Gloves—Garden 67
Grindstones 64
Handles 67
Harness, etc. 64
Harrows 61
Hay Cars 62
Hedge Trimmers 70
Hoes 67
Hotbed Sash 67
Hotkaps 67
Hyper-Humus 75
Hyponex 74
Insecticides 72
Kem 74
Labels 67,68
Lanterns 63
Loma 75
Manure 75
Markers, Row 63
Mattocks 67
Mills 62,64,68
Mole Traps 71
Mowers 61,70,71
Nails 69
Neegards 67
Nitragin 74
Peat Moss 75
Planet Jr. Tools 60
PlanTabbs 74
Planters 62
Plant Setter 63
Plant-ties 67
Plows, etc. 62,63
Posts 69
Post-Hole Diggers 69
Poultry Supplies 55–59
Pumps 64
Raffia 68
Rakes 61,71
Rollers 65,71
Roofing 64
Rope 63
Rubber Hose 65
Saws—Cross Cut 63
Scales 64
Scrapers—Drag 65
Scythes & Stones 67
Seeders 63
Separators—Cream 63
Shears 71
Shellers—Hand, Power 62,68
Shovels 67
Sickles 67
Snaths 67
Soil Soakers 66
Soil-Test Kits 74
Spades 67
Sprabulb 66
Sprayers 65,66
Spreaders—Fertilizer 61,66
Sprinkler 66
Sprinkler Cans 64
Stakes—Plant 68
Stanchions 63
Staples 69
Tractors 61,68
Traps—Beetle 65
Trowels 71
Trucks—Farm 61
Tubs—Plant 68
Twine 63
Vigoro 75
Vine Supports 68
Wagons 61
Water Barrel Truck 64
Water Wand 65
Weeders 67,71
Weed-O-Mat 70
Wheelbarrows 65
Wickets 68
Window-Boxes 68

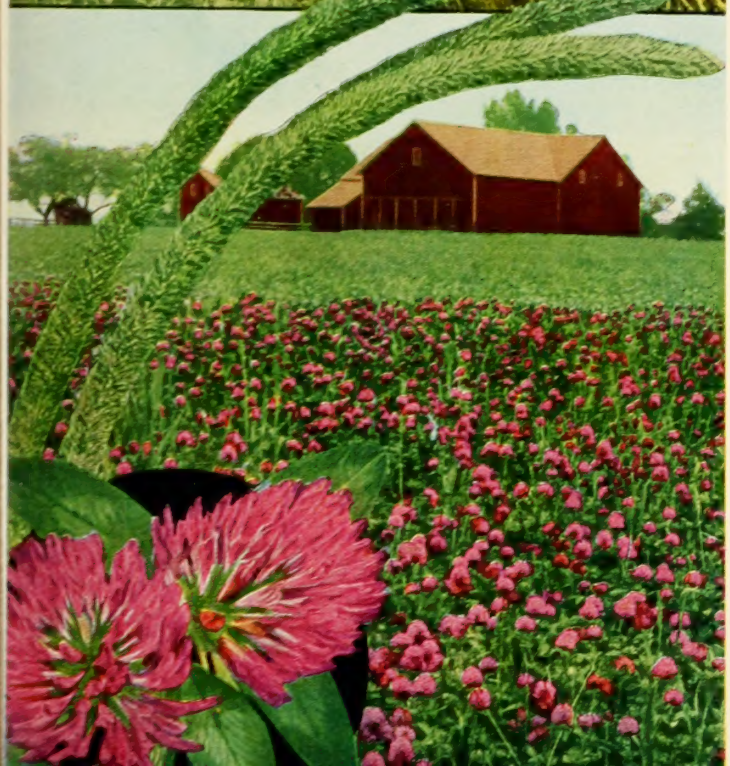
PRINTED IN U.S.A.

For Bumper Crops

Use Our

GOLD TAG FERTILIZERS

See Paae 20 for Details



BOLGIANO'S FINE GLADIOLUS

CAPITOL CITY MIXTURE

of Finest

GLADIOLUS

Gladiolus are among the most colorful and popular of midsummer flowers. Their long spikes of bloom come just when the garden needs a "pick-up," and they are likewise spectacular as cut-flowers.

In this Capitol City Mixture we have included many of the best old and new varieties. The colors range from deep purple to purest white, through red, yellow, pink and lavender.

Plant them either in rows in a special place of their own in the garden or plant a group of them among perennials or in a shrub border. Set the bulbs 4 to 5 inches deep in late spring; dig and store over winter.

90c for 10; 100, $7.00

POSTPAID

F. W. BOLGIANO & CO., WASHINGTON 2, D. C.

411 New York Ave. N. E.—Telephone: Franklin 4800 *607 E Street N. W.—Telephone: National 0091*